

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0719731106](#)
Status: **Active**
Overview: [cgrid_sl_products](#)
Description: 2.54mm (.100") Pitch C-Grid® PCB Connector, Dual Row, Right Angle, Early Entry Receptacle, with Flange, 12 Circuits

Documents:

3D Model	Product Specification PS-71973-9999 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

UL	E29179
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General

Product Family	PCB Receptacles
Series	71973
Application	Board-to-Board
Overview	cgrid_sl_products
Product Name	C-Grid®

Physical

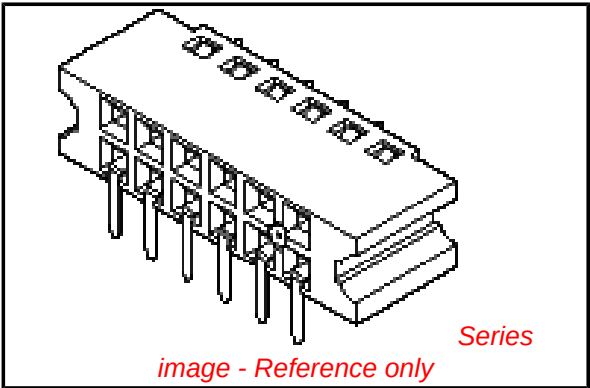
Circuits (Loaded)	12
Color - Resin	Black
Durability (mating cycles max)	50
Flammability	94V-0
Glow-Wire Compliant	No
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	2
Orientation	Right Angle
PC Tail Length (in)	0.120 In
PC Tail Length (mm)	3.05 mm
PCB Locator	No
PCB Retention	None
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Tube
Pitch - Mating Interface (in)	0.100 In
Pitch - Mating Interface (mm)	2.54 mm
Plating min: Mating (µin)	30
Plating min: Mating (µm)	0.76
Plating min: Termination (µin)	75
Plating min: Termination (µm)	1.90
Polarized to PCB	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	2A
Voltage - Maximum	250V

Solder Process Data

Duration at Max. Process Temperature (seconds)	10
Lead-free Process Capability	Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	3



EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
Not Reviewed
**Halogen-Free
Status**

Not Reviewed

**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of
Compliance, [click here](#)

Please visit the [Contact Us](#) section for any
non-product compliance questions.

China RoHS



Search Parts in this Series

[71973Series](#)

Mates With

[87911 Header](#)

Process Temperature max. C	260
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-70873-0139
Product Specification	PS-71973-9999
Sales Drawing	SDA-71973-****

This document was generated on 05/21/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

10 9 8 7 6 5 4 3 2 1

NOTES:

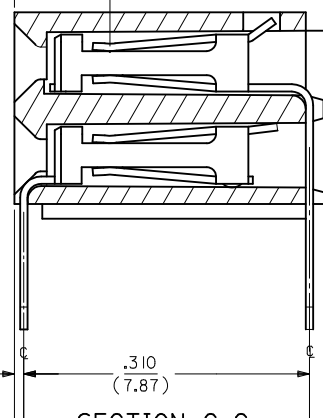
- 1.) MATERIAL -
INSULATOR - LCP, UL 94V-0, COLOR BLACK
CONTACTS - PHOSPHOR BRONZE
- 2.) SEE SHT. 5 & 6 FOR CHART DIMENSIONS AND EDP NO.'S
- 3.) RECOMMENDED MATING PIN LENGTH:
LOWER ROW - .200" MIN., .285" MAX.
UPPER ROW - .200" MIN.
- 4.) REFER TO PRODUCT SPECIFICATION PS-71973-9999 FOR PERFORMANCE DATA
- 5.) MANUFACTURED DATE CODE - YEAR, WEEK.
- 6.) PACKAGING: FOR THIS PRODUCT IN TUBES SEE SHT. 6 & 7
FOR THIS PRODUCT IN TRAYS SEE SHT. 8 & 9

FINISHES

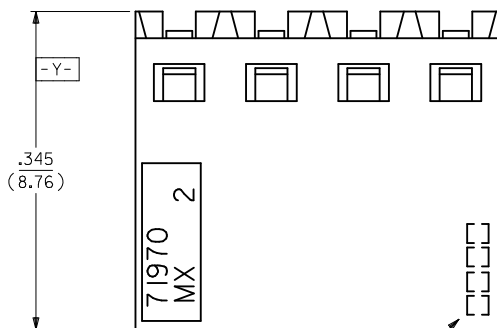
- 15 GOLD .000015 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000075 MINIMUM TIN PLATE IN SELECT AREA.
- 30 GOLD .000030 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000075 MINIMUM TIN PLATE IN SELECT AREA.
- 50 GOLD .000050 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000100 MINIMUM TIN PLATE IN SELECT AREA.

.105
(2.67)

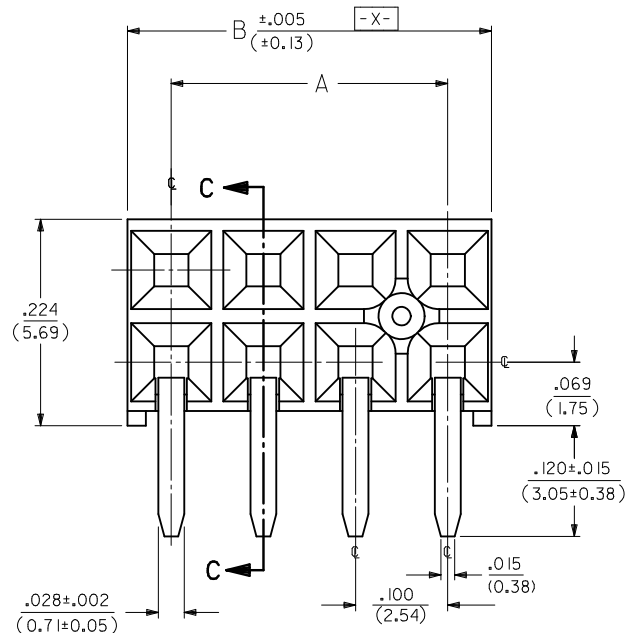
POINT OF
CONTACT



SECTION C-C



4 DIGIT DATE CODE
SEE NOTE 5

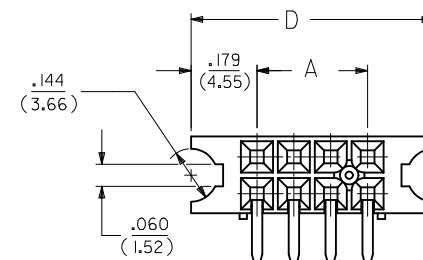
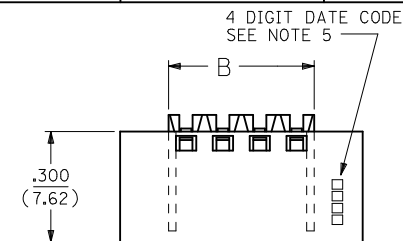


- ⊕ .015 ⊕ TAIL TO TAIL
⊕ .020 ⊕ X ⊕ Y ⊕ TAIL TO INSULATOR

OPTION "A" ASSEMBLY
STANDARD HOUSING

NOTE FOR LEAD FREE CONVERSION:

THE PRIMARY SHIPPING CARTON WILL BE
LABELED "COMPLIANT TO RoHS DIRECTIVE
2002/95/EC AND ELV ANNEX II OF
DIRECTIVE 2000/53/EC". CARTONS WITHOUT
THIS LABEL MAY CONTAIN PRODUCT WITH
LEAD.



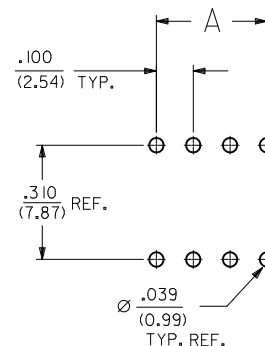
OPTION "B" ASSEMBLY

STD. HOUSING W/MOUNTING EARS
SCALE 4:1

REFER TO OPT. A FOR ALL OTHER INFORMATION

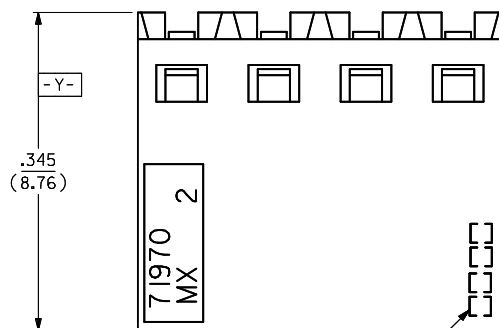
OPTION "J" ASSEMBLY

OPTION "J" IS THE SAME AS OPTION "B" EXCEPT
DATE CODE IS NOT STAMPED ON HOUSING.

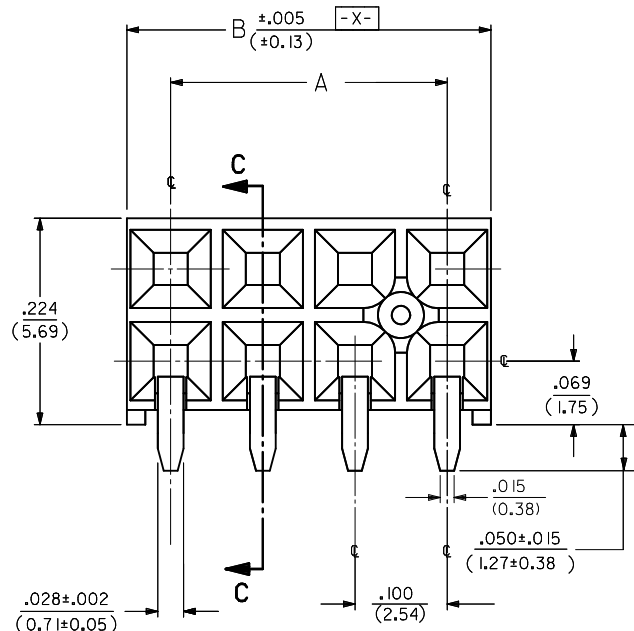


RECOMMENDED P.C.B.
LAYOUT

ADD OPTION K & L EC NO: S2010-0534 2009/12/30 DRWN:SKANG CHKD:ATSEE 2010/01/08 APPR:MLONG 2010/01/14				QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE NTS	DESIGN UNITS INCH	THIRD ANGLE PROJECTION		
					mm INCH		DRAWN BY DATE		TITLE EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID				
					4 PLACES ± --- ± ---	DJB 1991/10/21							
					3 PLACES ± --- ± .010		CHECKED BY DATE						
2 PLACES ± 0.25 ± ---		DJB 1991/10/21		APPROVED BY DATE		MOLEX MOLEX INCORPORATED							
1 PLACE ± --- ± ---		MLONG 2010/01/14		DOCUMENT NO.								SHEET NO.	
ANGULAR ± 1/2°		MATERIAL NO.		SEE TABLE		SDA-71973-****		1 OF 26					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									



4 DIGIT DATE CODE
SEE NOTE 5



⊕ Ø.015(5) TAIL TO TAIL
⊕ Ø.020(5) X(5) Y(5) TAIL TO INSULATOR

OPTION "C" ASSEMBLY STANDARD HOUSING

NOTE FOR LEAD FREE CONVERSION:
THE PRIMARY SHIPPING CARTON WILL BE
LABELED "COMPLIANT TO RoHS DIRECTIVE
2002/95/EC AND ELV ANNEX II OF
DIRECTIVE 2000/53/EC". CARTONS WITHOUT
THIS LABEL MAY CONTAIN PRODUCT WITH
LEAD.

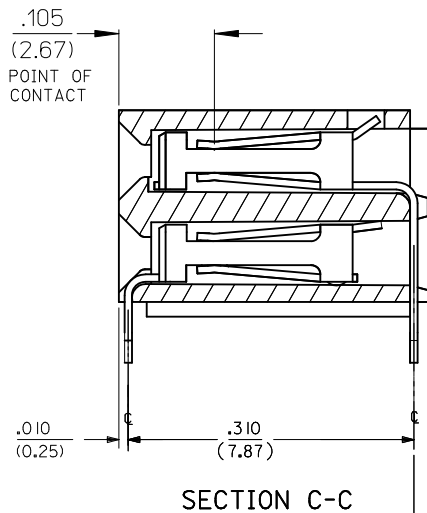
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Rev. F 2009/06/18

NOTES:

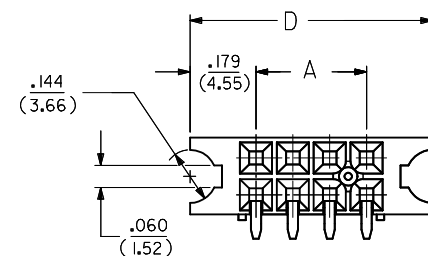
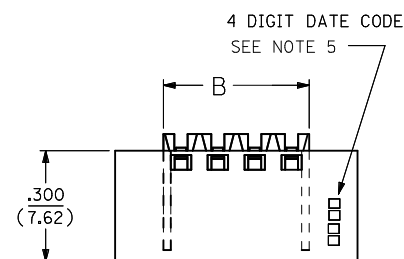
- 1.) MATERIAL-
INSULATOR - LCP, UL 94V-0, COLOR BLACK
CONTACTS - PHOSPHOR BRONZE
- 2.) SEE SHT. 9 & 10 FOR CHART DIMENSIONS AND EDP NO.'S
- 3.) RECOMMENDED MATING PIN LENGTH:
LOWER ROW - .200" MIN., .285" MAX.
UPPER ROW - .200" MIN.
- 4.) REFER TO PRODUCT SPECIFICATION PS-71973-9999 FOR
PERFORMANCE DATA
- 5.) MANUFACTURED DATE CODE - YEAR, WEEK.
- 6.) PACKAGING: FOR THIS PRODUCT IN TUBES SEE SHT. 10 & 11
FOR THIS PRODUCT IN TRAYS SEE SHT. 12 & 13

FINISHES

- | | |
|---------|--|
| 15 GOLD | .000015 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000075 MINIMUM TIN PLATE IN SELECT AREA. |
| 30 GOLD | .000030 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000075 MINIMUM TIN PLATE IN SELECT AREA. |
| 50 GOLD | .000050 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000100 MINIMUM TIN PLATE IN SELECT AREA. |

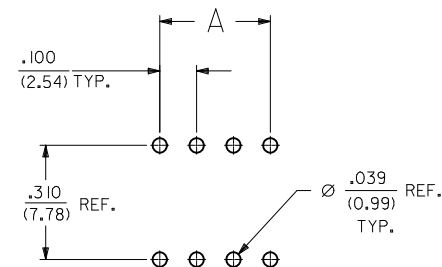


SECTION C-C



OPTION "D" ASSEMBLY STD. HOUSING W/MOUNTING EARS SCALE 4:1

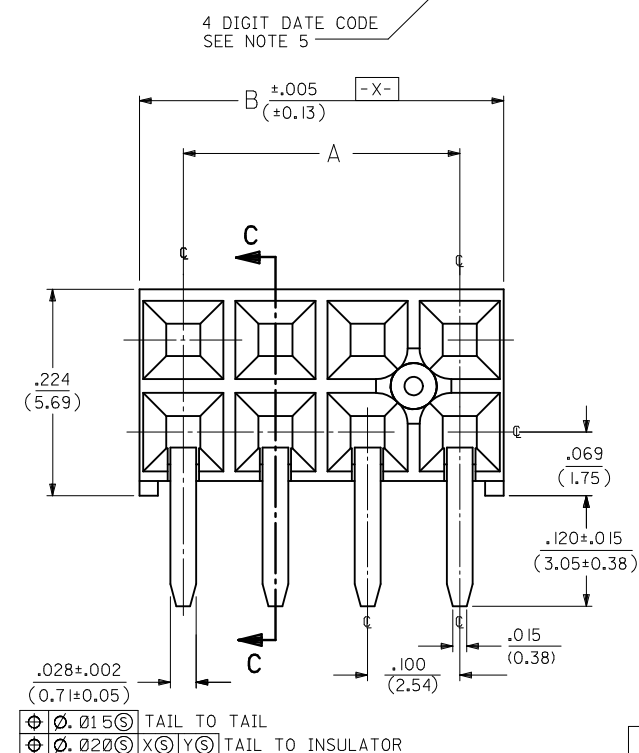
REFER TO OPT. C FOR ALL OTHER INFORMATION



RECOMMENDED P.C.B. LAYOUT

ADD OPTION K & L		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
EC NO: S2010-0534		F _A =0		mm		IN/MM		NTS		INCH			
2009/12/30	DRWN:SKANG	F _B =0		INCH		DRAWN BY		DATE		TITLE			
2010/01/08	CHKD:ATSEE	F _P =0		4 PLACES ± --- ± ---		DATE		1991/10/21		EARLY ENTRY R/A RECPT			
2010/01/14	APPR:MLONG			3 PLACES ± --- ± .010		CHECKED BY		DATE		.120"PC TAIL W/O LOWER			
				2 PLACES ± 0.25 ± ---		DATE		1991/10/21		ROW PINSTOP-.100" GRID			
				1 PLACE ± --- ± ---		APPROVED BY		DATE		MOLEX INCORPORATED			
				ANGULAR ± 1/2°		MLONG		2010/01/14		SDA-71973-****			
				DRAFT WHERE APPLICABLE		MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
				MUST REMAIN		SEE TABLE				2 OF 26			
				WITHIN DIMENSIONS		SIZE							
						A3							

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION



OPTION "E" ASSEMBLY

STANDARD HOUSING

NOTE FOR LEAD FREE CONVERSION:

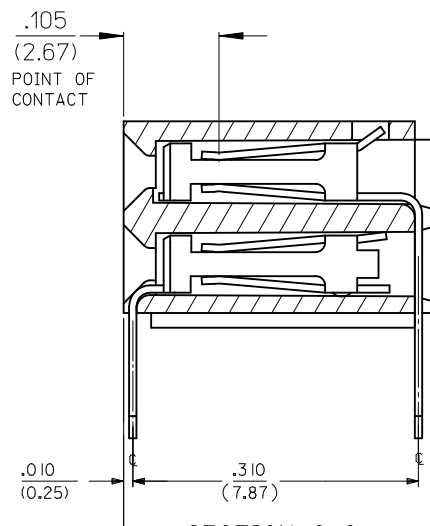
THE PRIMARY SHIPPING CARTON WILL BE
 LABELED "COMPLIANT TO RoHS DIRECTIVE
 2002/95/EC AND ELV ANNEX II OF
 DIRECTIVE 2000/53/EC". CARTONS WITHOUT
 THIS LABEL MAY CONTAIN PRODUCT WITH
 LEAD.

NOTES:

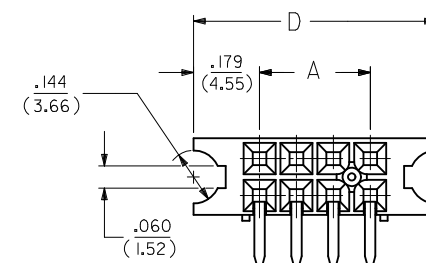
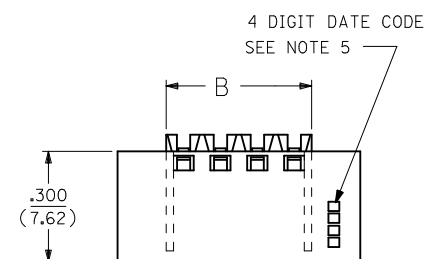
- 1.) MATERIAL-
INSULATOR - LCP, UL 94V-0, COLOR BLACK
CONTACTS - PHOSPHOR BRONZE
- 2.) SEE SHT. 13 & 14 FOR CHART DIMENSIONS AND EDP NO.'S
- 3.) RECOMMENDED MATING PIN LENGTH:
LOWER ROW - .200" MIN., .250" MAX.
UPPER ROW - .200" MIN.
- 4.) REFER TO PRODUCT SPECIFICATION PS-71973-9999 FOR
PERFORMANCE DATA
- 5.) MANUFACTURED DATE CODE - YEAR, WEEK.
- 6.) PACKAGING: FOR THIS PRODUCT IN TUBES SEE SHT. 14 & 15
FOR THIS PRODUCT IN TRAYS SEE SHT. 16 & 17

FINISHES

- | | | | | |
|----|------|-------------------------------|-------------------------------|--|
| 15 | GOLD | .000015
.000050
.000075 | MINIMUM
MINIMUM
MINIMUM | GOLD PLATE IN SELECT AREA OVER
NICKEL UNDERPLATE OVER-ALL WITH
TIN PLATE IN SELECT AREA. |
| 30 | GOLD | .000030
.000050
.000075 | MINIMUM
MINIMUM
MINIMUM | GOLD PLATE IN SELECT AREA OVER
NICKEL UNDERPLATE OVER-ALL WITH
TIN PLATE IN SELECT AREA. |
| 50 | GOLD | .000050
.000050
.000100 | MINIMUM
MINIMUM
MINIMUM | GOLD PLATE IN SELECT AREA OVER
NICKEL UNDERPLATE OVER-ALL WITH
TIN PLATE IN SELECT AREA. |

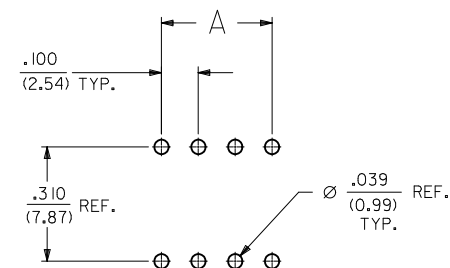


SECTION C-C



OPTION "F" ASSEMBLY
STD. HOUSING W/MOUNTING EARS
AND LOWER ROW PINSTOP
SCALE 4:1

REFER TO OPT.E FOR ALL OTHER INFORMATION



RECOMMENDED P.C.B. LAYOUT

ADD OPTION K & L EC NO: S2010-0534 2009/12/30 DRWNS:SKANG 2010/01/08 CHK'DAT:SEE 2010/01/14 APPR:MLONG	DESCRIPTION REV	QUALITY SYMBOLS ▽F=0 ▽F=0 ▽F=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE NTS	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION	
			mmINCH 4 PLACES± --- ± --- 3 PLACES± --- ± .010 2 PLACES± 0.25 ± --- 1 PLACE± --- ± ---	DRAWN BYDATE DJB1991/10/21 CHECKED BYDATE DJB1991/10/21 APPROVED BYDATE MLONG2010/01/14	TITLE EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID					
			ANGULAR ±1/2°	MATERIAL NO.					DOCUMENT NO.	SHEET NO.
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SDA-71973-****		3 OF 26	
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

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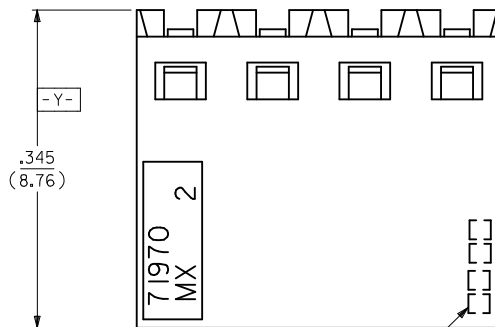
5

4

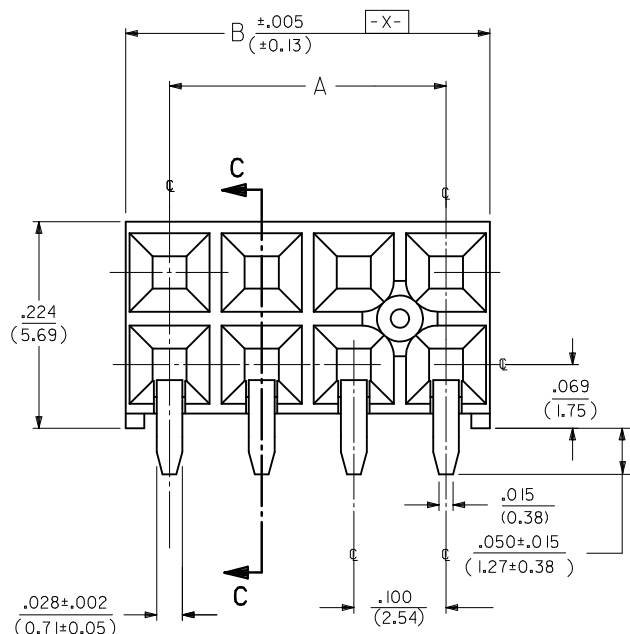
3

2

1



4 DIGIT DATE CODE
SEE NOTE 5



⊕ Ø.015(5) TAIL TO TAIL
⊕ Ø.020(5) X(5) Y(5) TAIL TO INSULATOR

OPTION "G" ASSEMBLY STANDARD HOUSING

NOTE FOR LEAD FREE CONVERSION:

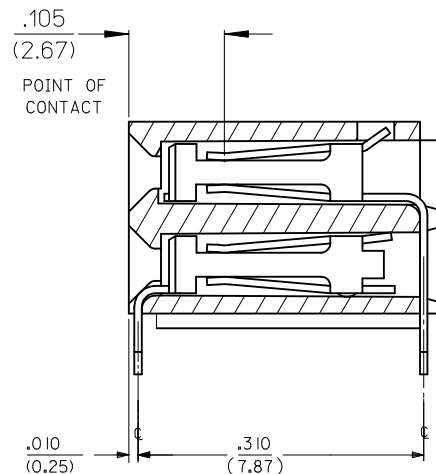
THE PRIMARY SHIPPING CARTON WILL BE LABELED "COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC". CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH LEAD.

NOTES:

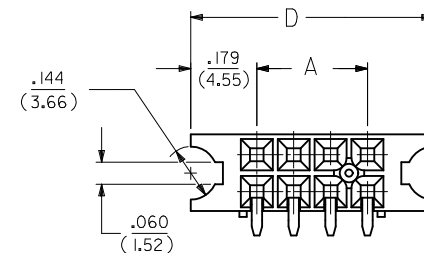
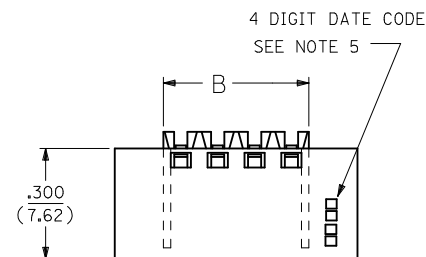
- 1.) MATERIAL -
INSULATOR - LCP, UL 94V-0, COLOR BLACK
CONTACTS - PHOSPHOR BRONZE
- 2.) SEE SHT. 17 & 18 FOR CHART DIMENSIONS AND EDP NO.'S
- 3.) RECOMMENDED MATING PIN LENGTH:
LOWER ROW - .200" MIN., .250" MAX.
UPPER ROW - .200" MIN.
- 4.) REFER TO PRODUCT SPECIFICATION PS-71973-9999 FOR PERFORMANCE DATA
- 5.) MANUFACTURED DATE CODE - YEAR, WEEK.
- 6.) PACKAGING: FOR THIS PRODUCT IN TUBES SEE SHT. 18 & 19
FOR THIS PRODUCT IN TRAYS SEE SHT. 20 & 21

FINISHES

- 15 GOLD .000015 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000075 MINIMUM TIN PLATE IN SELECT AREA.
- 30 GOLD .000030 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000075 MINIMUM TIN PLATE IN SELECT AREA.
- 50 GOLD .000050 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000100 MINIMUM TIN PLATE IN SELECT AREA.

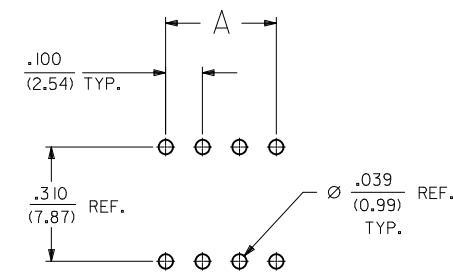


SECTION C-C



OPTION "H" ASSEMBLY STD. HOUSING W/MOUNTING EARS AND LOWER PINSTOP SCALE 4:1

REFER TO OPT. G FOR ALL OTHER INFORMATION



RECOMMENDED P.C.B. LAYOUT

ADD OPTION K & L		QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION
EC NO: S2010-0534	2009/12/30		mm	INCH	IN/MM	DATE	NTS	INCH	INCH	INCH	
DRWN:SKANG	2010/01/08	F _A =0	4 PLACES	± ---	DJB	1991/10/21					
CHKD:ATSEE	2010/01/08	F _E =0	3 PLACES	± ---	CHECKED BY	DATE					
APPR:MLONG	2010/01/14	F _P =0	2 PLACES	± 0.25	DJB	1991/10/21					
			1 PLACE	± ---	APPROVED BY	DATE					
			ANGULAR ± 1/2°		MLONG	2010/01/14					
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
					SEE TABLE		SDA-71973-****		4 OF 26		
					THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

9

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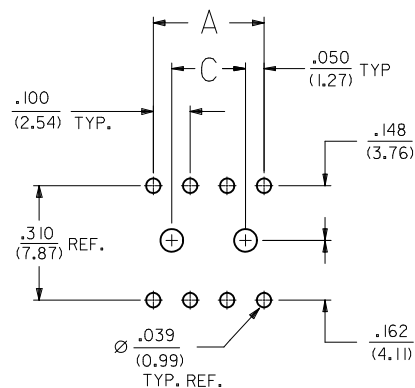
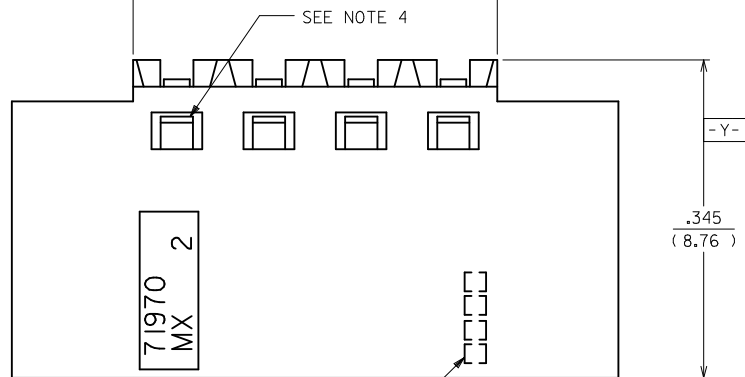
4

3

2

1

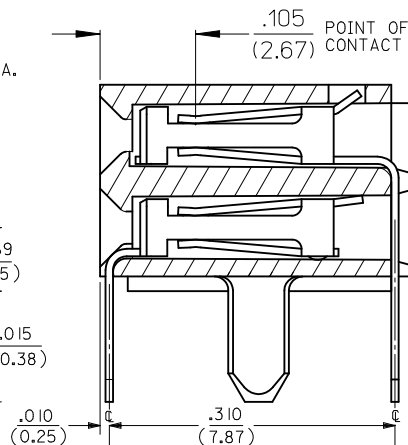
10 9 8 7 6 5 4 3 2 1



RECOMMENDED P.C.B.
LAYOUT

SCALE 4:1

SECTION D-D



NOTES:

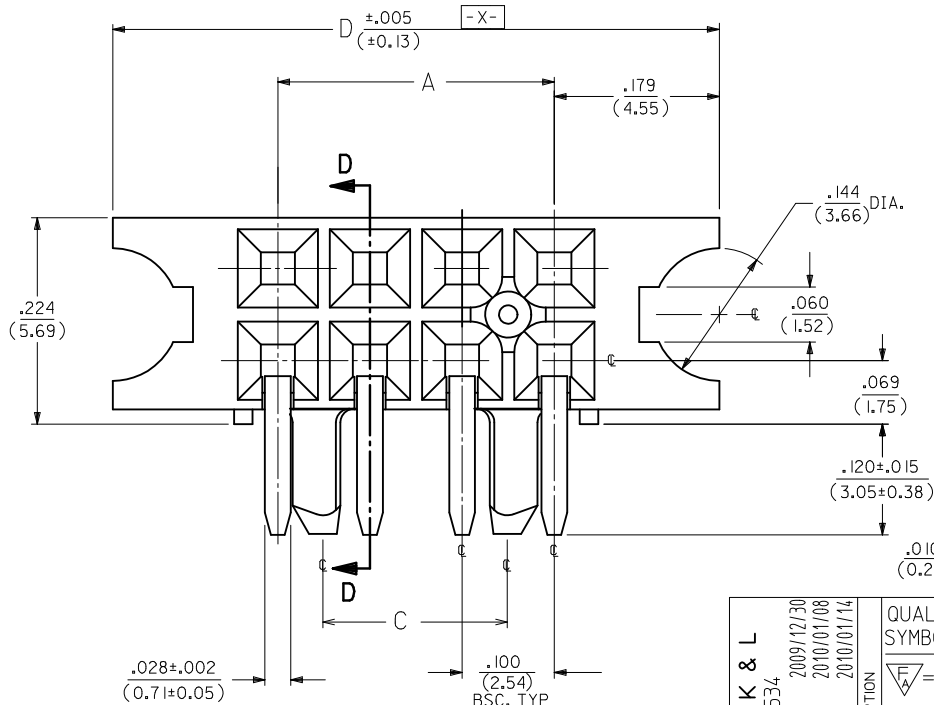
- 1.) MATERIAL -
INSULATOR - LCP, UL 94V-0, COLOR BLACK
CONTACTS - PHOSPHOR BRONZE
- 2.) SEE SHT. 22 FOR CHART DIMENSIONS AND ITEM NO.'S
- 3.) RECOMMENDED MATING PIN LENGTH:
LOWER ROW - .200" MINIMUM, .285" MAX.
UPPER ROW - .200" MINIMUM
- 4.) REFER TO PRODUCT SPECIFICATION PS-71973-9999 FOR PERFORMANCE DATA
- 5.) MANUFACTURED DATE CODE - YEAR, WEEK.
- 6.) PACKAGING: FOR THIS PRODUCT IN TUBES SEE SHT. 22

FINISHES PER ES-88-(***)

- 15 GOLD .000015 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000075 MINIMUM TIN PLATE IN SELECT AREA.
- 30 GOLD .000030 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000075 MINIMUM TIN PLATE IN SELECT AREA.
- 50 GOLD .000050 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000100 MINIMUM TIN PLATE IN SELECT AREA.

NOTE FOR LEAD FREE CONVERSION:

THE PRIMARY SHIPPING CARTON WILL BE
LABELED "COMPLIANT TO ROHS DIRECTIVE
2002/95/EC AND ELV ANNEX II OF
DIRECTIVE 2000/53/EC". CARTONS WITHOUT
THIS LABEL MAY CONTAIN PRODUCT WITH
LEAD.



.028±.002
(0.71±0.05)
Ø.015 TAIL TO TAIL
Ø.020 X S Y TAIL TO INSULATOR
(SEE NOTE 7)

OPTION "I" ASSEMBLY

STANDARD HOUSING W/ PEGS AND MOUNTING EARS

REV	DESCRIPTION	DATE	BY	CHECKED BY	DATE	APPROVED BY	DATE	MATERIAL NO.	DOCUMENT NO.	SHEET NO.
K	ADD OPTION K & L EC NO: S2010-0534 DRWN:SKANG CHKD:ATSEE APPR:MLONG	2009/12/30 2010/01/08 2010/01/14								

QUALITY
SYMBOLS
F_A=0
F_C=0
F_P=0

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .010
2 PLACES	± 0.25	± ---
1 PLACE	± ---	± ---

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
IN/MM

DRAWN BY	DATE
DJB	1991/10/21
CHECKED BY	DATE
DJB	1991/10/21
APPROVED BY	DATE
MLONG	2010/01/14

MATERIAL NO.

SEE TABLE

SIZE A3

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX

INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

SCALE
NTS

DESIGN UNITS
INCH

THIRD ANGLE
PROJECTION

EARLY ENTRY R/A RECPT
.120"PC TAIL W/O LOWER
ROW PINSTOP-.100" GRID



MOLEX INCORPORATED

SDA-71973-****

5 OF 26

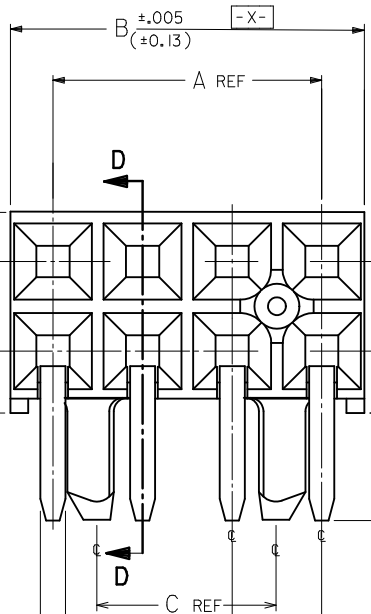
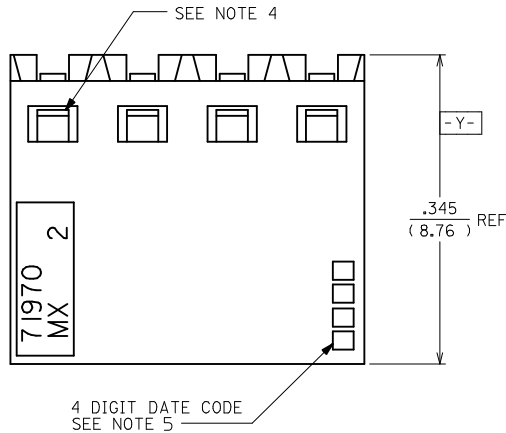
9 8 7 6 5 4 3 2 1

FINISHES

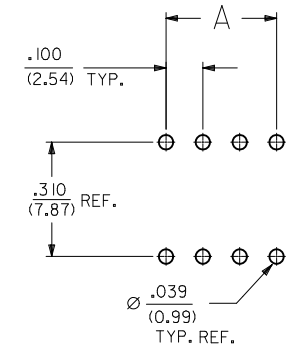
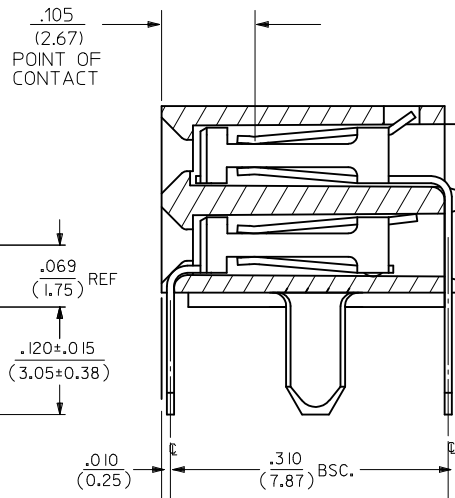
- 15 GOLD .000015 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000075 MINIMUM TIN PLATE IN SELECT AREA.
- 30 GOLD .000030 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000075 MINIMUM TIN PLATE IN SELECT AREA.
- 50 GOLD .000050 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000100 MINIMUM TIN PLATE IN SELECT AREA.

NOTES:

- 1.) MATERIAL-
INSULATOR - LCP, UL 94V-0, COLOR BLACK
CONTACTS - PHOSPHOR BRONZE
- 2.) SEE SHT.25 FOR CHART DIMENSIONS AND ITEM NO.'S
- 3.) RECOMMENDED MATING PIN LENGTH:
LOWER ROW - .200" MINIMUM, .285" MAX.
UPPER ROW - .200" MINIMUM
- 4.) REFER TO PRODUCT SPECIFICATION PS-71973-9999 FOR PERFORMANCE DATA
- 5.) MANUFACTURED DATE CODE - YEAR, WEEK.
- 6.) PACKAGING: FOR THIS PRODUCT IN TUBES SEE SHT.25



SECTION D-D



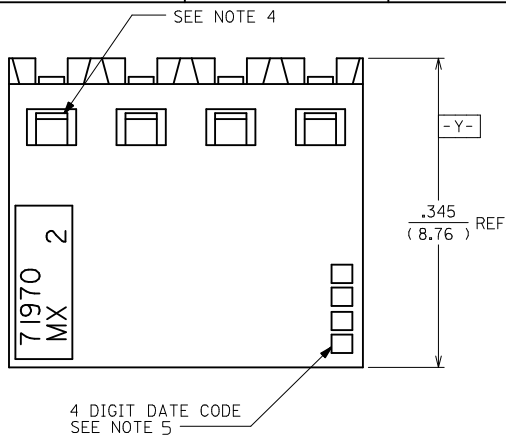
RECOMMENDED P.C.B.
LAYOUT

.028±.002
(0.71±0.05)
⊕ ⊕ .015 ⊕ TAIL TO TAIL
⊕ ⊕ .020 ⊕ X ⊕ Y ⊕ TAIL TO INSULATOR
(SEE NOTE 8)

OPTION "K" ASSEMBLY
STANDARD HOUSING W/ PEGS

ADD OPTION K & L EC NO: S2010-0534 DRWN:SKANG 2009/12/30 CHKD:ATSEE 2010/01/08 APPR:MLONG 2010/01/14				DESCRIPTION F_A=0 F_C=0 F_P=0	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE IN/MM		SCALE NTS	DESIGN UNITS INCH	THIRD ANGLE PROJECTION		
			mm			INCH	DRAWN BY DJB	DATE 1991/10/21	TITLE EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID						
			4 PLACES			± ---	± ---	CHECKED BY							DATE
			3 PLACES			± ---	± .010	DJB							1991/10/21
			2 PLACES			± 0.25	± ---	APPROVED BY							DATE
			1 PLACE			± ---	± ---	MLONG	2010/01/14	molex		MOLEX INCORPORATED			
			ANGULAR ±1/2°			MATERIAL NO.		DOCUMENT NO.		SHEET NO.					
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE TABLE		SDA-71973-****		6 OF 26					
						SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

10 9 8 7 6 5 4 3 2 1



FINISHES

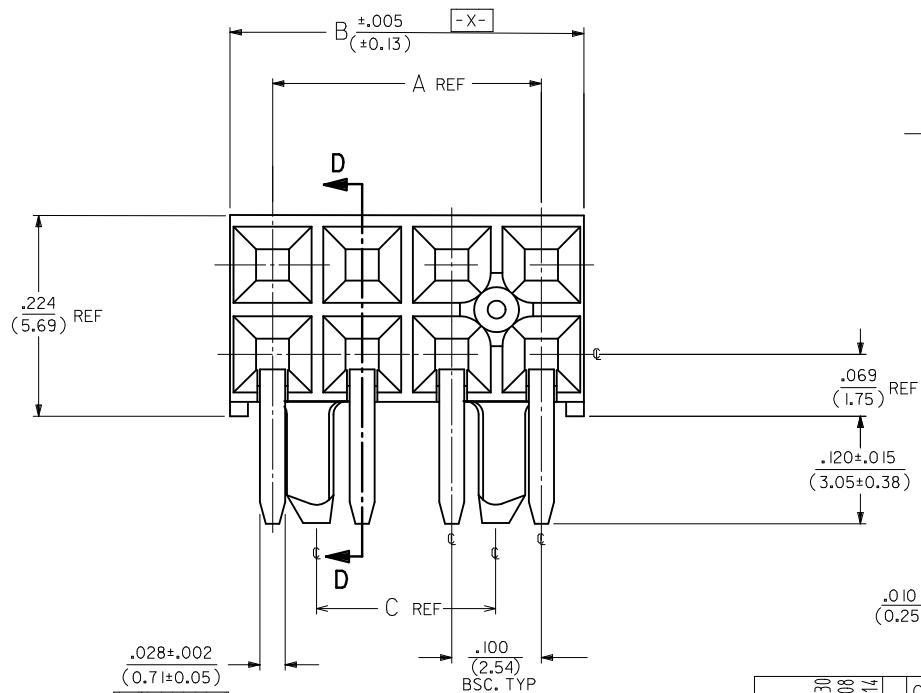
15 GOLD .000015 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000075 MINIMUM TIN PLATE IN SELECT AREA.

30 GOLD .000030 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000075 MINIMUM TIN PLATE IN SELECT AREA.

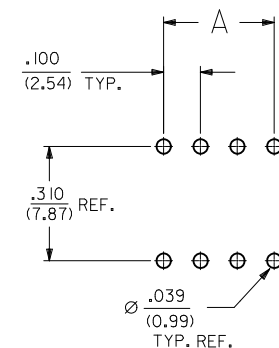
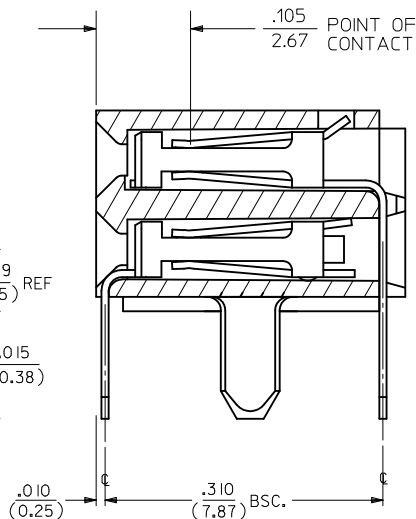
50 GOLD .000050 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000100 MINIMUM TIN PLATE IN SELECT AREA.

NOTES:

- 1.) MATERIAL-
INSULATOR - LCP, UL 94V-0, COLOR BLACK
CONTACTS - PHOSPHOR BRONZE
- 2.) SEE SHT. 22 FOR CHART DIMENSIONS AND ITEM NO.'S
- 3.) RECOMMENDED MATING PIN LENGTH:
LOWER ROW - .200" MINIMUM, .250" MAX.
UPPER ROW - .200" MINIMUM
- 4.) REFER TO PRODUCT SPECIFICATION PS-71973-9999 FOR
PERFORMANCE DATA
- 5.) MANUFACTURED DATE CODE - YEAR, WEEK.
- 6.) PACKAGING: FOR THIS PRODUCT IN TUBES SEE SHT. 26



SECTION D-D



RECOMMENDED P.C.B.
LAYOUT

OPTION "L" ASSEMBLY
STANDARD HOUSING W/ PEGS

ADD OPTION K & L EC NO: S2010-0534 DRWN:SKANG 2009/12/30 CHKD:ATSEE 2010/01/08 APPR:MLONG 2010/01/14 K	DESCRIPTION REV	QUALITY SYMBOLS F _A =0 F _C =0 F _P =0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE NTS	DESIGN UNITS INCH	THIRD ANGLE PROJECTION											
				mm	INCH	DRAWN BY DJB	DATE 1991/10/21	TITLE EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID												
			4 PLACES	± ---	± ---	CHECKED BY DJB	DATE 1991/10/21													
			3 PLACES	± ---	± .010	APPROVED BY MLONG					MOLEX MOLEX INCORPORATED									
			2 PLACES	± 0.25	± ---															
			1 PLACE	± ---	± ---	MATERIAL NO. SEE TABLE					DOCUMENT NO. SDA-71973-****					SHEET NO. 7 OF 26				
			ANGULAR ±1/2°																	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE A3					THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												

9 8 7 6 5 4 3 2 1

[illegible]

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Rev. F 2009/06/18

10										9										8										7										6										5										4										3										2										1									
NO. OF CKTS										OPTION A ASSEMBLY PACKAGED IN TRAYS PER PK-70873-0239 (SEE SHEET 1 FOR FINISH SPECIFICATIONS)										DIMENSION										NO. OF CKTS										OPTION A ASSEMBLY PACKAGED IN TRAYS PER PK-70873-0239 (SEE SHEET 1 FOR FINISH SPECIFICATIONS)										DIMENSION																																																	
PER ROW TOTAL										I5 GOLD 30 GOLD 50 GOLD										A B										PER ROW TOTAL										I5 GOLD 30 GOLD 50 GOLD										A B																																																	
4 8										71973-6604 71973-6704 71973-6804										.300 (7.62) .395 (10.03)										33 66										71973-6633 71973-6733 71973-6833										3.200 (81.28) 3.295 (83.69)																																																	
5 10										71973-6605 71973-6705 71973-6805										.400 (10.16) .495 (12.57)										34 68										71973-6634 71973-6734 71973-6834										3.300 (83.82) 3.395 (86.23)																																																	
6 12										71973-6606 71973-6706 71973-6806										.500 (12.70) .595 (15.11)										35 70										71973-6635 71973-6735 71973-6835										3.400 (86.36) 3.495 (88.77)																																																	
7 14										71973-6607 71973-6707 71973-6807										.600 (15.24) .695 (17.65)										36 72										71973-6636 71973-6736 71973-6836										3.500 (88.90) 3.595 (91.31)																																																	
8 16										71973-6608 71973-6708 71973-6808										.700 (17.78) .795 (20.19)																																																																															
9 18										71973-6609 71973-6709 71973-6809										.800 (20.32) .895 (22.73)																																																																															
10 20										71973-6610 71973-6710 71973-6810										.900 (22.86) .995 (25.27)																																																																															
11 22										71973-6611 71973-6711 71973-6811										1.000 (25.40) 1.095 (27.81)																																																																															
12 24										71973-6612 71973-6712 71973-6812										1.100 (27.94) 1.195 (30.35)																																																																															
13 26										71973-6613 71973-6713 71973-6813										1.200 (30.48) 1.295 (32.89)																																																																															
14 28										71973-6614 71973-6714 71973-6814										1.300 (33.02) 1.395 (35.43)																																																																															
15 30										71973-6615 71973-6715 71973-6815										1.400 (35.56) 1.495 (37.97)																																																																															
16 32										71973-6616 71973-6716 71973-6816										1.500 (38.10) 1.595 (40.51)																																																																															
17 34										71973-6617 71973-6717 71973-6817										1.600 (40.64) 1.695 (43.05)																																																																															
18 36										71973-6618 71973-6718 71973-6818										1.700 (43.18) 1.795 (45.59)																																																																															
19 38										71973-6619 71973-6719 71973-6819										1.800 (45.72) 1.895 (48.13)																																																																															
20 40										71973-6620 71973-6720 71973-6820										1.900 (48.26) 1.995 (50.67)																																																																															
21 42										71973-6621 71973-6721 71973-6821										2.000 (50.80) 2.095 (53.21)																																																																															
22 44										71973-6622 71973-6722 71973-6822										2.100 (53.34) 2.195 (55.75)																																																																															
23 46										71973-6623 71973-6723 71973-6823										2.200 (55.88) 2.295 (58.29)																																																																															
24 48										71973-6624 71973-6724 71973-6824										2.300 (58.42) 2.395 (60.83)																																																																															
25 50										71973-6625 71973-6725 71973-6825										2.400 (60.96) 2.495 (63.37)																																																																															
26 52										71973-6626 71973-6726 71973-6826										2.500 (63.50) 2.595 (65.91)																																																																															
27 54										71973-6627 71973-6727 71973-6827										2.600 (66.04) 2.695 (68.45)																																																																															
28 56										71973-6628 71973-6728 71973-6828										2.700 (68.58) 2.795 (70.99)																																																																															
29 58										71973-6629 71973-6729 71973-6829										2.800 (71.12) 2.895 (73.53)																																																																															
30 60										71973-6630 71973-6730 71973-6830										2.900 (73.66) 2.995 (76.07)																																																																															
31 62										71973-6631 71973-6731 71973-6831										3.000 (76.20) 3.095 (78.61)																																																																															
32 64										71973-6632 71973-6732 71973-6832										3.100 (78.74) 3.195 (81.15)																																																																															
ADD OPTION K & L EC NO: S2010-0534 DRWN:SKANG CHKD:ATSEE APPR:MLONG										2009/12/30 2010/01/08 2010/01/14										QUALITY SYMBOLS F=0 F=0 F=0										GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± --- 1 PLACE ± --- ± --- ANGULAR ± 1/2°										DIMENSION STYLE IN/MM DRAWN BY DATE DJB 1991/10/21 CHECKED BY DATE DJB 1991/10/21 APPROVED BY DATE MLONG 2010/01/14										SCALE NTS DESIGN UNITS INCH THIRD ANGLE PROJECTION										TITLE EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID MOLEX INCORPORATED										SHEET NO. 10 OF 26																													
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										SIZE A3										THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																																																																															
tb_frame_A3_P_AM.T Rev. F 2009/06/18										9										8										7										6										5										4										3										2										1									

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Rev. F 2009/06/18

10				9				8				7				6				5				4				3				2				1							
NO. OF CKTS		OPTION C ASSEMBLY PACKAGED IN TUBES PER PK-70873-0138 (SEE SHEET 1 FOR FINISH SPECIFICATIONS)												DIMENSION				NO. OF CKTS		OPTION C ASSEMBLY PACKAGED IN TUBES PER PK-70873-0138 (SEE SHEET 1 FOR FINISH SPECIFICATIONS)												DIMENSION											
PER ROW	TOTAL					15 GOLD				30 GOLD				50 GOLD				A	B			PER ROW	TOTAL					15 GOLD				30 GOLD				50 GOLD				A	B		
4	8				X	71973-1804	X	71973-1904	X	71973-2004	.300 (7.62)	.395 (10.03)								33	66				X	71973-1833	X	71973-1933	X	71973-2033	3.200 (81.28)	3.295 (83.69)											
5	10				X	71973-1805	X	71973-1905	X	71973-2005	.400 (10.16)	.495 (12.57)								34	68				X	71973-1834	X	71973-1934	X	71973-2034	3.300 (83.82)	3.395 (86.23)											
6	12				X	71973-1806	X	71973-1906	X	71973-2006	.500 (12.70)	.595 (15.11)								35	70				X	71973-1835	X	71973-1935	X	71973-2035	3.400 (86.36)	3.495 (88.77)											
7	14				X	71973-1807	X	71973-1907	X	71973-2007	.600 (15.24)	.695 (17.65)								36	72				X	71973-1836	X	71973-1936	X	71973-2036	3.500 (88.90)	3.595 (91.31)											
8	16				X	71973-1808	X	71973-1908	X	71973-2008	.700 (17.78)	.795 (20.19)																															
9	18				X	71973-1809	X	71973-1909	X	71973-2009	.800 (20.32)	.895 (22.73)																															
10	20				X	71973-1810	X	71973-1910	X	71973-2010	.900 (22.86)	.995 (25.27)																															
11	22				X	71973-1811	X	71973-1911	X	71973-2011	1.000 (25.40)	1.095 (27.81)																															
12	24				X	71973-1812	X	71973-1912	X	71973-2012	1.100 (27.94)	1.195 (30.35)																															
13	26				X	71973-1813	X	71973-1913	X	71973-2013	1.200 (30.48)	1.295 (32.89)																															
14	28				X	71973-1814	X	71973-1914	X	71973-2014	1.300 (33.02)	1.395 (35.43)																															
15	30				X	71973-1815	X	71973-1915	X	71973-2015	1.400 (35.56)	1.495 (37.97)																															
16	32				X	71973-1816	X	71973-1916	X	71973-2016	1.500 (38.10)	1.595 (40.51)																															
17	34				X	71973-1817	X	71973-1917	X	71973-2017	1.600 (40.64)	1.695 (43.05)																															
18	36				X	71973-1818	X	71973-1918	X	71973-2018	1.700 (43.18)	1.795 (45.59)																															
19	38				X	71973-1819	X	71973-1919	X	71973-2019	1.800 (45.72)	1.895 (48.13)																															
20	40				X	71973-1820	X	71973-1920	X	71973-2020	1.900 (48.26)	1.995 (50.67)																															
21	42				X	71973-1821	X	71973-1921	X	71973-2021	2.000 (50.80)	2.095 (53.21)																															
22	44				X	71973-1822	X	71973-1922	X	71973-2022	2.100 (53.34)	2.195 (55.75)																															
23	46				X	71973-1823	X	71973-1923	X	71973-2023	2.200 (55.88)	2.295 (58.29)																															
24	48				X	71973-1824	X	71973-1924	X	71973-2024	2.300 (58.42)	2.395 (60.83)																															
25	50				X	71973-1825	X	71973-1925	X	71973-2025	2.400 (60.96)	2.495 (63.37)																															
26	52				X	71973-1826	X	71973-1926	X	71973-2026	2.500 (63.50)	2.595 (65.91)																															
27	54				X	71973-1827	X	71973-1927	X	71973-2027	2.600 (66.04)	2.695 (68.45)																															
28	56				X	71973-1828	X	71973-1928	X	71973-2028	2.700 (68.58)	2.795 (70.99)																															
29	58				X	71973-1829	X	71973-1929	X	71973-2029	2.800 (71.12)	2.895 (73.53)																															
30	60				X	71973-1830	X	71973-1930	X	71973-2030	2.900 (73.66)	2.995 (76.07)																															
31	62				X	71973-1831	X	71973-1931	X	71973-2031	3.000 (76.20)	3.095 (78.61)																															
32	64				X	71973-1832	X	71973-1932	X	71973-2032	3.100 (78.74)	3.195 (81.15)																															
X INDICATES TOOLING IS NOT AVAILABLE												ADD OPTION K & L EC NO: S2010-0534 2009/12/30 DRWN:SKANG CHKD:ATSEE 2010/01/08 APPR:MLONG 2010/01/14				QUALITY SYMBOLS F _A =0 F _C =0 F _P =0		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE NTS		DESIGN UNITS INCH		THIRD ANGLE PROJECTION																	
																		mm		INCH		DRAWN BY		DATE				TITLE															
																		4 PLACES ± ---		± ---		DJB		1991/10/21				EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID															
3 PLACES ± ---		± .010		CHECKED BY		DATE		MOLEX INCORPORATED		DOCUMENT NO.		SHEET NO.																															
2 PLACES ± 0.25		± ---		DJB		1991/10/21		SDA-71973-****				12 OF 26																															
1 PLACE ± ---		± ---		APPROVED BY		DATE																																					
ANGULAR ±1/2°				MLONG		2010/01/14																																					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				MATERIAL NO.		SEE TABLE																																					
SIZE A3				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																																							

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Rev. F 2009/06/18

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10		9		8		7		6		5		4		3		2		1					
NO. OF CKTS		OPTION D ASSEMBLY PACKAGED IN TUBES PER PK-70873-0139 (SEE SHEET I FOR FINISH SPECIFICATIONS)						DIMENSION				NO. OF CKTS		OPTION D ASSEMBLY PACKAGED IN TUBES PER PK-70873-0139 (SEE SHEET I FOR FINISH SPECIFICATIONS)						DIMENSION			
PER ROW	TOTAL			I5 GOLD	30 GOLD	50 GOLD	A	B			D	PER ROW	TOTAL			I5 GOLD	30 GOLD	50 GOLD	A	B			D
4	8			X 71973-2604	X 71973-2704	X 71973-2804	.300 (7.62)	.395 (10.03)			.658 (16.71)	33	66			X 71973-2633	X 71973-2733	X 71973-2833	3.200 (81.28)	3.295 (83.69)			3.558 (90.37)
5	10			X 71973-2605	X 71973-2705	X 71973-2805	.400 (10.16)	.495 (12.57)			.758 (19.25)	34	68			X 71973-2634	X 71973-2734	X 71973-2834	3.300 (83.82)	3.395 (86.23)			3.658 (92.91)
6	12			X 71973-2606	X 71973-2706	X 71973-2806	.500 (12.70)	.595 (15.11)			.858 (21.79)	35	70			X 71973-2635	X 71973-2735	X 71973-2835	3.400 (86.36)	3.495 (88.77)			3.758 (95.45)
7	14			X 71973-2607	X 71973-2707	X 71973-2807	.600 (15.24)	.695 (17.65)			.958 (24.33)	36	72			X 71973-2636	X 71973-2736	X 71973-2836	3.500 (88.90)	3.595 (91.31)			3.858 (97.99)
8	16			X 71973-2608	X 71973-2708	X 71973-2808	.700 (17.78)	.795 (20.19)			1.058 (26.87)												
9	18			X 71973-2609	X 71973-2709	X 71973-2809	.800 (20.32)	.895 (22.73)			1.158 (29.41)												
10	20			X 71973-2610	X 71973-2710	X 71973-2810	.900 (22.86)	.995 (25.27)			1.258 (31.95)												
11	22			X 71973-2611	X 71973-2711	X 71973-2811	1.000 (25.40)	1.095 (27.81)			1.358 (34.49)												
12	24			X 71973-2612	X 71973-2712	X 71973-2812	1.100 (27.94)	1.195 (30.35)			1.458 (37.03)												
13	26			X 71973-2613	X 71973-2713	X 71973-2813	1.200 (30.48)	1.295 (32.89)			1.558 (39.57)												
14	28			X 71973-2614	X 71973-2714	X 71973-2814	1.300 (33.02)	1.395 (35.43)			1.658 (42.11)												
15	30			X 71973-2615	X 71973-2715	X 71973-2815	1.400 (35.56)	1.495 (37.97)			1.758 (44.65)												
16	32			X 71973-2616	X 71973-2716	X 71973-2816	1.500 (38.10)	1.595 (40.51)			1.858 (47.19)												
17	34			X 71973-2617	X 71973-2717	X 71973-2817	1.600 (40.64)	1.695 (43.05)			1.958 (49.73)												
18	36			X 71973-2618	X 71973-2718	X 71973-2818	1.700 (43.18)	1.795 (45.59)			2.058 (52.27)												
19	38			X 71973-2619	X 71973-2719	X 71973-2819	1.800 (45.72)	1.895 (48.13)			2.158 (54.81)												
20	40			X 71973-2620	X 71973-2720	X 71973-2820	1.900 (48.26)	1.995 (50.67)			2.258 (57.35)												
21	42			X 71973-2621	X 71973-2721	X 71973-2821	2.000 (50.80)	2.095 (53.21)			2.358 (59.89)												
22	44			X 71973-2622	X 71973-2722	X 71973-2822	2.100 (53.34)	2.195 (55.75)			2.458 (62.43)												
23	46			X 71973-2623	X 71973-2723	X 71973-2823	2.200 (55.88)	2.295 (58.29)			2.558 (64.97)												
24	48			X 71973-2624	X 71973-2724	X 71973-2824	2.300 (58.42)	2.395 (60.83)			2.658 (67.51)												
25	50			X 71973-2625	X 71973-2725	X 71973-2825	2.400 (60.96)	2.495 (63.37)			2.758 (70.05)												
26	52			X 71973-2626	X 71973-2726	X 71973-2826	2.500 (63.50)	2.595 (65.91)			2.858 (72.59)												
27	54			X 71973-2627	X 71973-2727	X 71973-2827	2.600 (66.04)	2.695 (68.45)			2.958 (75.13)												
28	56			X 71973-2628	X 71973-2728	X 71973-2828	2.700 (68.58)	2.795 (70.99)			3.058 (77.67)												
29	58			X 71973-2629	X 71973-2729	X 71973-2829	2.800 (71.12)	2.895 (73.53)			3.158 (80.21)												
30	60			X 71973-2630	X 71973-2730	X 71973-2830	2.900 (73.66)	2.995 (76.07)			3.258 (82.75)												
31	62			X 71973-2631	X 71973-2731	X 71973-2831	3.000 (76.20)	3.095 (78.61)			3.358 (85.29)												
32	64			X 71973-2632	X 71973-2732	X 71973-2832	3.100 (78.74)	3.195 (81.15)			3.458 (87.83)												
X INDICATES TOOLING IS NOT AVAILABLE							ADD OPTION K & L EC NO: S2010-0534 DRWN:SKANG 2009/12/30 CHKD:ATSEE 2010/01/08 APPR:MLONG 2010/01/14		QUALITY SYMBOLS F _A =0 F _G =0 F _P =0		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE NTS		DESIGN UNITS INCH		THIRD ANGLE PROJECTION				
													DRAWN BY DATE DJB 1991/10/21		TITLE EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID								
													CHECKED BY DATE DJB 1991/10/21		MOLEX INCORPORATED								
													APPROVED BY DATE MLONG 2010/01/14		MATERIAL NO. SEE TABLE		DOCUMENT NO. SDA-71973-****				SHEET NO. 13 OF 26		
											DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								
tb_frame_A3_P_AM.T Rev. F 2009/06/18		9		8		7		6		5		4		3		2		1					

	10		9		8		7		6		5		4		3		2		1																				
F	NO. OF CKTS		OPTION C ASSEMBLY PACKAGED IN TRAYS PER PK-70873-0239 (SEE SHEET I FOR FINISH SPECIFICATIONS)						DIMENSION				NO. OF CKTS		OPTION C ASSEMBLY PACKAGED IN TRAYS PER PK-70873-0239 (SEE SHEET I FOR FINISH SPECIFICATIONS)						DIMENSION																		
	PER ROW	TOTAL				I5 GOLD	30 GOLD	50 GOLD	A	B			PER ROW	TOTAL			I5 GOLD	30 GOLD	50 GOLD	A	B																		
	4	8				71973-7404	71973-7504	71973-7604	.300 (7.62)	.395 (10.03)			33	66			71973-7433	71973-7533	71973-7633	3.200 (81.28)	3.295 (83.69)																		
	5	10				71973-7405	71973-7505	71973-7605	.400 (10.16)	.495 (12.57)			34	68			71973-7434	71973-7534	71973-7634	3.300 (83.82)	3.395 (86.23)																		
	6	12				71973-7406	71973-7506	71973-7606	.500 (12.70)	.595 (15.11)			35	70			71973-7435	71973-7535	71973-7635	3.400 (86.36)	3.495 (88.77)																		
	7	14				71973-7407	71973-7507	71973-7607	.600 (15.24)	.695 (17.65)			36	72			71973-7436	71973-7536	71973-7636	3.500 (88.90)	3.595 (91.31)																		
E	8	16				71973-7408	71973-7508	71973-7608	.700 (17.78)	.795 (20.19)																													
	9	18				71973-7409	71973-7509	71973-7609	.800 (20.32)	.895 (22.73)																													
	10	20				71973-7410	71973-7510	71973-7610	.900 (22.86)	.995 (25.27)																													
	11	22				71973-7411	71973-7511	71973-7611	1.000 (25.40)	1.095 (27.81)																													
	12	24				71973-7412	71973-7512	71973-7612	1.100 (27.94)	1.195 (30.35)																													
	13	26				71973-7413	71973-7513	71973-7613	1.200 (30.48)	1.295 (32.89)																													
D	14	28				71973-7414	71973-7514	71973-7614	1.300 (33.02)	1.395 (35.43)																													
	15	30				71973-7415	71973-7515	71973-7615	1.400 (35.56)	1.495 (37.97)																													
	16	32				71973-7416	71973-7516	71973-7616	1.500 (38.10)	1.595 (40.51)																													
	17	34				71973-7417	71973-7517	71973-7617	1.600 (40.64)	1.695 (43.05)																													
	18	36				71973-7418	71973-7518	71973-7618	1.700 (43.18)	1.795 (45.59)																													
	19	38				71973-7419	71973-7519	71973-7619	1.800 (45.72)	1.895 (48.13)																													
C	20	40				71973-7420	71973-7520	71973-7620	1.900 (48.26)	1.995 (50.67)																													
	21	42				71973-7421	71973-7521	71973-7621	2.000 (50.80)	2.095 (53.21)																													
	22	44				71973-7422	71973-7522	71973-7622	2.100 (53.34)	2.195 (55.75)																													
	23	46				71973-7423	71973-7523	71973-7623	2.200 (55.88)	2.295 (58.29)																													
B	24	48				71973-7424	71973-7524	71973-7624	2.300 (58.42)	2.395 (60.83)																													
	25	50				71973-7425	71973-7525	71973-7625	2.400 (60.96)	2.495 (63.37)																													
	26	52				71973-7426	71973-7526	71973-7626	2.500 (63.50)	2.595 (65.91)																													
	27	54				71973-7427	71973-7527	71973-7627	2.600 (66.04)	2.695 (68.45)																													
A	28	56				71973-7428	71973-7528	71973-7628	2.700 (68.58)	2.795 (70.99)																													
	29	58				71973-7429	71973-7529	71973-7629	2.800 (71.12)	2.895 (73.53)																													
	30	60				71973-7430	71973-7530	71973-7630	2.900 (73.66)	2.995 (76.07)																													
	31	62				71973-7431	71973-7531	71973-7631	3.000 (76.20)	3.095 (78.61)																													
	32	64				71973-7432	71973-7532	71973-7632	3.100 (78.74)	3.195 (81.15)																													
																						ADD OPTION K & L EC NO: S2010-0534 DRWN:SKANG 2009/12/30 CHKD:ATSEE 2010/01/08 APPR:MLONG 2010/01/14		QUALITY SYMBOLS F=0 F=0 F=0		GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± --- 1 PLACE ± --- ± --- ANGULAR ± 1/2°		DIMENSION STYLE IN/MM DRAWN BY DATE DJB 1991/10/21 CHECKED BY DATE DJB 1991/10/21 APPROVED BY DATE MLONG 2010/01/14		SCALE NTS		DESIGN UNITS INCH		THIRD ANGLE PROJECTION		TITLE EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID MOLEX MOLEX INCORPORATED		SHEET NO. 14 OF 26	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS																						SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
fb_frame_A3_P_AM.T Rev. F 2009/06/18		9		8		7		6		5		4		3		2		1																					

10		9		8		7		6		5		4		3		2		1					
NO. OF CKTS		OPTION D ASSEMBLY PACKAGED IN TRAYS PER PK-70873-0239 (SEE SHEET I FOR FINISH SPECIFICATIONS)						DIMENSION				NO. OF CKTS		OPTION D ASSEMBLY PACKAGED IN TRAYS PER PK-70873-0239 (SEE SHEET I FOR FINISH SPECIFICATIONS)						DIMENSION			
PER ROW	TOTAL				I5 GOLD	30 GOLD	50 GOLD	A	B					I5 GOLD	30 GOLD	50 GOLD	A	B		D			
4	8				71973-7804	71973-7904	71973-8004	.300 (7.62)	.395 (10.03)					71973-7833	71973-7933	71973-8033	3.200 (81.28)	3.295 (83.69)		3.558 (90.37)			
5	10				71973-7805	71973-7905	71973-8005	.400 (10.16)	.495 (12.57)					71973-7834	71973-7934	71973-8034	3.300 (83.82)	3.395 (86.23)		3.658 (92.91)			
6	12				71973-7806	71973-7906	71973-8006	.500 (12.70)	.595 (15.11)					71973-7835	71973-7935	71973-8035	3.400 (86.36)	3.495 (88.77)		3.758 (95.45)			
7	14				71973-7807	71973-7907	71973-8007	.600 (15.24)	.695 (17.65)					71973-7836	71973-7936	71973-8036	3.500 (88.90)	3.595 (91.31)		3.858 (97.99)			
8	16				71973-7808	71973-7908	71973-8008	.700 (17.78)	.795 (20.19)														
9	18				71973-7809	71973-7909	71973-8009	.800 (20.32)	.895 (22.73)														
10	20				71973-7810	71973-7910	71973-8010	.900 (22.86)	.995 (25.27)														
11	22				71973-7811	71973-7911	71973-8011	1.000 (25.40)	1.095 (27.81)														
12	24				71973-7812	71973-7912	71973-8012	1.100 (27.94)	1.195 (30.35)														
13	26				71973-7813	71973-7913	71973-8013	1.200 (30.48)	1.295 (32.89)														
14	28				71973-7814	71973-7914	71973-8014	1.300 (33.02)	1.395 (35.43)														
15	30				71973-7815	71973-7915	71973-8015	1.400 (35.56)	1.495 (37.97)														
16	32				71973-7816	71973-7916	71973-8016	1.500 (38.10)	1.595 (40.51)														
17	34				71973-7817	71973-7917	71973-8017	1.600 (40.64)	1.695 (43.05)														
18	36				71973-7818	71973-7918	71973-8018	1.700 (43.18)	1.795 (45.59)														
19	38				71973-7819	71973-7919	71973-8019	1.800 (45.72)	1.895 (48.13)														
20	40				71973-7820	71973-7920	71973-8020	1.900 (48.26)	1.995 (50.67)														
21	42				71973-7821	71973-7921	71973-8021	2.000 (50.80)	2.095 (53.21)														
22	44				71973-7822	71973-7922	71973-8022	2.100 (53.34)	2.195 (55.75)														
23	46				71973-7823	71973-7923	71973-8023	2.200 (55.88)	2.295 (58.29)														
24	48				71973-7824	71973-7924	71973-8024	2.300 (58.42)	2.395 (60.83)														
25	50				71973-7825	71973-7925	71973-8025	2.400 (60.96)	2.495 (63.37)														
26	52				71973-7826	71973-7926	71973-8026	2.500 (63.50)	2.595 (65.91)														
27	54				71973-7827	71973-7927	71973-8027	2.600 (66.04)	2.695 (68.45)														
28	56				71973-7828	71973-7928	71973-8028	2.700 (68.58)	2.795 (70.99)														
29	58				71973-7829	71973-7929	71973-8029	2.800 (71.12)	2.895 (73.53)														
30	60				71973-7830	71973-7930	71973-8030	2.900 (73.66)	2.995 (76.07)														
31	62				71973-7831	71973-7931	71973-8031	3.000 (76.20)	3.095 (78.61)														
32	64				71973-7832	71973-7932	71973-8032	3.100 (78.74)	3.195 (81.15)														
ADD OPTION K & L EC NO: S2010-0534 DRWN:SKANG 2009/12/30 CHKD:ATSEE 2010/01/08 APPR:MLONG 2010/01/14 QUALITY SYMBOLS F_A=0 F_C=0 F_P=0 DESCRIPTION REV GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± --- 1 PLACE ± --- ± --- ANGULAR ± 1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS DIMENSION STYLE IN/MM DRAWN BY DATE DJB 1991/10/21 CHECKED BY DATE DJB 1991/10/21 APPROVED BY DATE MLONG 2010/01/14 SCALE NTS DESIGN UNITS INCH THIRD ANGLE PROJECTION moLEX EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID MOLEX INCORPORATED SHEET NO. 15 OF 26																							
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																							

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	10		9		8		7		6		5		4		3		2		1					
F	NO. OF CKTS		OPTION F ASSEMBLY PACKAGED IN TRAYS PER PK-70873-0239 (SEE SHEET I FOR FINISH SPECIFICATIONS)					DIMENSION				NO. OF CKTS		OPTION F ASSEMBLY PACKAGED IN TRAYS PER PK-70873-0239 (SEE SHEET I FOR FINISH SPECIFICATIONS)					DIMENSION					
	PER ROW	TOTAL			I5 GOLD	30 GOLD	50 GOLD	A	B			D	PER ROW	TOTAL			I5 GOLD	30 GOLD	50 GOLD	A	B			D
	4	8			71973-8604	71973-8704	71973-8804	.300 (7.62)	.395 (10.03)			.658 (16.71)	34	68			71973-8634	71973-8734	71973-8834	3.300 (83.82)	3.395 (86.23)			3.658 (92.91)
	5	10			71973-8605	71973-8705	71973-8805	.400 (10.16)	.495 (12.57)			.758 (19.25)	35	70			71973-8635	71973-8735	71973-8835	3.400 (86.36)	3.495 (88.77)			3.758 (95.45)
	6	12			71973-8606	71973-8706	71973-8806	.500 (12.70)	.595 (15.11)			.858 (21.79)	36	72			71973-8636	71973-8736	71973-8836	3.500 (88.90)	3.595 (91.31)			3.858 (97.99)
	7	14			71973-8607	71973-8707	71973-8807	.600 (15.24)	.695 (17.65)			.958 (24.33)												
	8	16			71973-8608	71973-8708	71973-8808	.700 (17.78)	.795 (20.19)			1.058 (26.87)												
	9	18			71973-8609	71973-8709	71973-8809	.800 (20.32)	.895 (22.73)			1.158 (29.41)												
E	10	20			71973-8610	71973-8710	71973-8810	.900 (22.86)	.995 (25.27)			1.258 (31.95)												
	11	22			71973-8611	71973-8711	71973-8811	1.000 (25.40)	1.095 (27.81)			1.358 (34.49)												
	12	24			71973-8612	71973-8712	71973-8812	1.100 (27.94)	1.195 (30.35)			1.458 (37.03)												
	13	26			71973-8613	71973-8713	71973-8813	1.200 (30.48)	1.295 (32.89)			1.558 (39.57)												
	14	28			71973-8614	71973-8714	71973-8814	1.300 (33.02)	1.395 (35.43)			1.658 (42.11)												
	15	30			71973-8615	71973-8715	71973-8815	1.400 (35.56)	1.495 (37.97)			1.758 (44.65)												
	16	32			71973-8616	71973-8716	71973-8816	1.500 (38.10)	1.595 (40.51)			1.858 (47.19)												
D	17	34			71973-8617	71973-8717	71973-8817	1.600 (40.64)	1.695 (43.05)			1.958 (49.73)												
	18	36			71973-8618	71973-8718	71973-8818	1.700 (43.18)	1.795 (45.59)			2.058 (52.27)												
	19	38			71973-8619	71973-8719	71973-8819	1.800 (45.72)	1.895 (48.13)			2.158 (54.81)												
	20	40			71973-8620	71973-8720	71973-8820	1.900 (48.26)	1.995 (50.67)			2.258 (57.35)												
	21	42			71973-8621	71973-8721	71973-8821	2.000 (50.80)	2.095 (53.21)			2.358 (59.89)												
	22	44			71973-8622	71973-8722	71973-8822	2.100 (53.34)	2.195 (55.75)			2.458 (62.43)												
	23	46			71973-8623	71973-8723	71973-8823	2.200 (55.88)	2.295 (58.29)			2.558 (64.97)												
C	24	48			71973-8624	71973-8724	71973-8824	2.300 (58.42)	2.395 (60.83)			2.658 (67.51)												
	25	50			71973-8625	71973-8725	71973-8825	2.400 (60.96)	2.495 (63.37)			2.758 (70.05)												
	26	52			71973-8626	71973-8726	71973-8826	2.500 (63.50)	2.595 (65.91)			2.858 (72.59)												
	27	54			71973-8627	71973-8727	71973-8827	2.600 (66.04)	2.695 (68.45)			2.958 (75.13)												
	28	56			71973-8628	71973-8728	71973-8828	2.700 (68.58)	2.795 (70.99)			3.058 (77.67)												
	29	58			71973-8629	71973-8729	71973-8829	2.800 (71.12)	2.895 (73.53)			3.158 (80.21)												
	30	60			71973-8630	71973-8730	71973-8830	2.900 (73.66)	2.995 (76.07)			3.258 (82.75)												
B	31	62			71973-8631	71973-8731	71973-8831	3.000 (76.20)	3.095 (78.61)			3.358 (85.29)												
	32	64			71973-8632	71973-8732	71973-8832	3.100 (78.74)	3.195 (81.15)			3.458 (87.83)												
	33	66			71973-8633	71973-8733	71973-8833	3.200 (81.28)	3.295 (83.69)			3.558 (90.37)												
A	"X" INDICATES TOOLING IS NOT AVAILABLE.										ADD OPTION K & L EC NO: S2010-0534 DRWN:SKANG 2009/12/30 CHKD:ATSEE 2010/01/08 APPR:MLONG 2010/01/14 REV		QUALITY SYMBOLS F=0 F=0 F=0		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE NTS	DESIGN UNITS INCH	THIRD ANGLE PROJECTION			
															mm INCH		DRAWN BY DATE DJB 1991/10/21		TITLE					
															4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± --- 1 PLACE ± --- ± --- ANGULAR ± 1/2°		CHECKED BY DATE DJB 1991/10/21		EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID					
															DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE TABLE		APPROVED BY DATE MLONG 2010/01/14		MOLEX INCORPORATED		SHEET NO. 19 OF 26	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																								

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10										9					8					7					6					5					4					3					2					1																																																																																														
NO. OF CKTS										OPTION G ASSEMBLY PACKAGED IN TUBES PER PK-70873-0138 (SEE SHEET I FOR FINISH SPECIFICATIONS)															DIMENSION										NO. OF CKTS										OPTION G ASSEMBLY PACKAGED IN TUBES PER PK-70873-0138 (SEE SHEET I FOR FINISH SPECIFICATIONS)															DIMENSION																																																																																				
PER ROW										TOTAL															A										B										PER ROW										TOTAL															A										B																																																																
F										I5 GOLD															30 GOLD										50 GOLD										F										I5 GOLD															30 GOLD										50 GOLD										F																																																						
4										X 71973-5004															X 71973-5104										X 71973-5204										.300 (7.62)										.395 (10.03)										32										X 71973-5032															X 71973-5132										X 71973-5232										3.100 (78.74)										3.195 (81.15)																								
5										X 71973-5005															X 71973-5105										X 71973-5205										.400 (10.16)										.495 (12.57)										33										X 71973-5033															X 71973-5133										X 71973-5233										3.200 (81.28)										3.295 (83.69)																								
6										X 71973-5006															X 71973-5106										X 71973-5206										.500 (12.70)										.595 (15.11)										34										X 71973-5034															X 71973-5134										X 71973-5234										3.300 (83.82)										3.395 (86.23)																								
7										X 71973-5007															X 71973-5107										X 71973-5207										.600 (15.24)										.695 (17.65)										35										X 71973-5035															X 71973-5135										X 71973-5235										3.400 (86.36)										3.495 (88.77)																								
8										X 71973-5008															X 71973-5108										X 71973-5208										.700 (17.78)										.795 (20.19)										36										X 71973-5036															X 71973-5136										X 71973-5236										3.500 (88.90)										3.595 (91.31)																								
9										X 71973-5009															X 71973-5109										X 71973-5209										.800 (20.32)										.895 (22.73)																																																																																									
E										X 71973-5010															X 71973-5110										X 71973-5210										.900 (22.86)										.995 (25.27)																																																																																									
10										X 71973-5011															X 71973-5111										X 71973-5211										1.000 (25.40)										1.095 (27.81)																																																																																									
11										X 71973-5012															X 71973-5112										X 71973-5212										1.100 (27.94)										1.195 (30.35)																																																																																									
12										X 71973-5013															X 71973-5113										X 71973-5213										1.200 (30.48)										1.295 (32.89)																																																																																									
13										X 71973-5014															X 71973-5114										X 71973-5214										1.300 (33.02)										1.395 (35.43)																																																																																									
14										X 71973-5015															X 71973-5115										X 71973-5215										1.400 (35.56)										1.495 (37.97)																																																																																									
D										X 71973-5016															X 71973-5116										X 71973-5216										1.500 (38.10)										1.595 (40.51)																																																																																									
15										X 71973-5017															X 71973-5117										X 71973-5217										1.600 (40.64)										1.695 (43.05)																																																																																									
16										X 71973-5018															X 71973-5118										X 71973-5218										1.700 (43.18)										1.795 (45.59)																																																																																									
17										X 71973-5019															X 71973-5119										X 71973-5219										1.800 (45.72)										1.895 (48.13)																																																																																									
18										X 71973-5020															X 71973-5120										X 71973-5220										1.900 (48.26)										1.995 (50.67)																																																																																									
19										X 71973-5021															X 71973-5121										X 71973-5221										2.000 (50.80)										2.095 (53.21)																																																																																									
C										X 71973-5022															X 71973-5122										X 71973-5222										2.100 (53.34)										2.195 (55.75)																																																																																									
20										X 71973-5023															X 71973-5123										X 71973-5223										2.200 (55.88)										2.295 (58.29)																																																																																									
21										X 71973-5024															X 71973-5124										X 71973-5224										2.300 (58.42)										2.395 (60.83)																																																																																									
22										X 71973-5025															X 71973-5125										X 71973-5225										2.400 (60.96)										2.495 (63.37)																																																																																									
23										X 71973-5026															X 71973-5126										X 71973-5226										2.500 (63.50)										2.595 (65.91)																																																																																									
24										X 71973-5027															X 71973-5127										X 71973-5227										2.600 (66.04)										2.695 (68.45)																																																																																									
25										X 71973-5028															X 71973-5128										X 71973-5228										2.700 (68.58)										2.795 (70.99)																																																																																									
B										X 71973-5029															X 71973-5129										X 71973-5229										2.800 (71.12)										2.895 (73.53)																																																																																									
26										X 71973-5030															X 71973-5130										X 71973-5230										2.900 (73.66)										2.995 (76.07)																																																																																									
27										X 71973-5031															X 71973-5131										X 71973-5231										3.000 (76.20)										3.095 (78.61)																																																																																									
A										"X" INDICATES TOOLING IS NOT AVAILABLE.															ADD OPTION K & L EC NO: S2010-0534 DRWN:SKANG CHKD:ATSEE APPR:MLONG										2009/12/30 2010/01/08 2010/01/14										QUALITY SYMBOLS F=0 F=0 F=0										GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± --- 1 PLACE ± --- ± --- ANGULAR ± 1/2°										DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										DIMENSION STYLE IN/MM DRAWN BY DATE DJB 1991/10/21 CHECKED BY DATE DJB 1991/10/21 APPROVED BY DATE MLONG 2010/01/14 MATERIAL NO. SEE TABLE										SCALE NTS DESIGN UNITS INCH THIRD ANGLE PROJECTION EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID MOLEX INCORPORATED SDA-71973-****										SHEET NO. 20 OF 26																																																	
tb_frame_A3_P_AM_T Rev. F 2009/06/18										9															8															7															6															5															4															3															2															1														

10										9										8										7										6										5										4										3										2										1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
NO. OF CKTS										OPTION G ASSEMBLY PACKAGED IN TRAYS PER PK-70873-0239 (SEE SHEET I FOR FINISH SPECIFICATIONS)										DIMENSION										NO. OF CKTS										OPTION G ASSEMBLY PACKAGED IN TRAYS PER PK-70873-0239 (SEE SHEET I FOR FINISH SPECIFICATIONS)										DIMENSION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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4										8										15 GOLD										30 GOLD										50 GOLD										34										68										15 GOLD										30 GOLD										50 GOLD																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
5										10										71973-9004										71973-9104										71973-9204										71973-9005										71973-9105										71973-9205										71973-9006										71973-9106										71973-9206										71973-9007										71973-9107										71973-9207										71973-9008										71973-9108										71973-9208										71973-9009										71973-9109										71973-9209										71973-9010										71973-9110										71973-9210										71973-9011										71973-9111										71973-9211										71973-9012										71973-9112										71973-9212										71973-9013										71973-9113										71973-9213										71973-9014										71973-9114										71973-9214										71973-9015										71973-9115										71973-9215										71973-9016										71973-9116										71973-9216										71973-9017										71973-9117										71973-9217										71973-9018										71973-9118										71973-9218										71973-9019										71973-9119										71973-9219										71973-9020										71973-9120										71973-9220										71973-9021										71973-9121										71973-9221										71973-9022										71973-9122										71973-9222										71973-9023										71973-9123										71973-9223										71973-9024										71973-9124										71973-9224										71973-9025										71973-9125										71973-9225										71973-9026										71973-9126										71973-9226										71973-9027										71973-9127										71973-9227										71973-9028										71973-9128										71973-9228										71973-9029										71973-9129										71973-9229										71973-9030										71973-9130										71973-9230										71973-9031										71973-9131										71973-9231										71973-9032										71973-9132										71973-9232										71973-9033										71973-9133										71973-9233									
300 (7.62)										395 (10.03)										400 (10.16)										495 (12.57)										500 (12.70)										595 (15.11)										600 (15.24)										695 (17.65)										700 (17.78)										795 (20.19)										800 (20.32)										895 (22.73)										900 (22.86)										995 (25.27)										1,000 (25.40)										1,095 (27.81)										1,100 (27.94)										1,195 (30.35)										1,200 (30.48)										1,295 (32.89)										1,300 (33.02)										1,395 (35.43)										1,400 (35.56)										1,495 (37.97)										1,500 (38.10)										1,595 (40.51)										1,600 (40.64)										1,695 (43.05)										1,700 (43.18)										1,795 (45.59)										1,800 (45.72)										1,895 (48.13)										1,900 (48.26)										1,995 (50.67)										2,000 (50.80)										2,095 (53.21)										2,100 (53.34)										2,195 (55.75)										2,200 (55.88)										2,295 (58.29)										2,300 (58.42)										2,395 (60.83)										2,400 (60.96)										2,495 (63.37)										2,500 (63.50)										2,595 (65.91)										2,600 (66.04)										2,695 (68.45)										2,700 (68.58)										2,795 (70.99)										2,800 (71.12)										2,895 (73.53)										2,900 (73.66)										2,995 (76.07)										3,000 (76.20)										3,095 (78.61)										3,100 (78.74)										3,195 (81.15)										3,200 (81.28)										3,295 (83.69)																																																																																																																																																																																																																																																																																																																																									
34										68										71973-9034										71973-9134										71973-9234										3,300 (83.82)										3,395 (86.23)										3,400 (86.36)										3,495 (88.77)										3,500 (88.90)										3,595 (91.31)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
35										70										71973-9035										71973-9135										71973-9235										3,600 (91.44)										3,695 (93.85)										3,700 (93.98)										3,795 (96.39)										3,800 (96.52)										3,895 (98.81)										3,900 (98.94)										3,995 (101.25)										4,000 (101.38)										4,095 (103.69)										4,100 (103.82)										4,195 (106.13)										4,200 (106.26)										4,295 (108.57)</																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			

10		9		8		7		6		5		4		3		2		1								
NO. OF CKTS		OPTION H ASSEMBLY PACKAGED IN TRAYS PER PK-70873-0239 (SEE SHEET I FOR FINISH SPECIFICATIONS)						DIMENSION				NO. OF CKTS		OPTION H ASSEMBLY PACKAGED IN TRAYS PER PK-70873-0239 (SEE SHEET I FOR FINISH SPECIFICATIONS)						DIMENSION						
PER ROW	TOTAL				15 GOLD	30 GOLD	50 GOLD	A	B			D	PER ROW	TOTAL				15 GOLD	30 GOLD	50 GOLD	A	B			D	
F	4	8			X	71973-9404	X 71973-9504	X 71973-9604	.300 (7.62)	.395 (10.03)		.658 (16.71)	33	66				X 71973-9433	X 71973-9533	X 71973-9633	3.200 (81.28)	3.295 (83.69)		3.558 (90.37)		
	5	10			X	71973-9405	X 71973-9505	X 71973-9605	.400 (10.16)	.495 (12.57)		.758 (19.25)	34	68				X 71973-9434	X 71973-9534	X 71973-9634	3.300 (83.82)	3.395 (86.23)		3.658 (92.91)		
	6	12			X	71973-9406	X 71973-9506	X 71973-9606	.500 (12.70)	.595 (15.11)		.858 (21.79)	35	70				X 71973-9435	X 71973-9535	X 71973-9635	3.400 (86.36)	3.495 (88.77)		3.758 (95.45)		
	7	14			X	71973-9407	X 71973-9507	X 71973-9607	.600 (15.24)	.695 (17.65)		.958 (24.33)	36	72				X 71973-9436	X 71973-9536	X 71973-9636	3.500 (88.90)	3.595 (91.31)		3.858 (97.99)		
	8	16			X	71973-9408	X 71973-9508	X 71973-9608	.700 (17.78)	.795 (20.19)		1.058 (26.87)														
E	9	18			X	71973-9409	X 71973-9509	X 71973-9609	.800 (20.32)	.895 (22.73)		1.158 (29.41)														
	10	20			X	71973-9410	X 71973-9510	X 71973-9610	.900 (22.86)	.995 (25.27)		1.258 (31.95)														
	11	22			X	71973-9411	X 71973-9511	X 71973-9611	1.000 (25.40)	1.095 (27.81)		1.358 (34.49)														
	12	24			X	71973-9412	X 71973-9512	X 71973-9612	1.100 (27.94)	1.195 (30.35)		1.458 (37.03)														
	13	26			X	71973-9413	X 71973-9513	X 71973-9613	1.200 (30.48)	1.295 (32.89)		1.558 (39.57)														
D	14	28			X	71973-9414	X 71973-9514	X 71973-9614	1.300 (33.02)	1.395 (35.43)		1.658 (42.11)														
	15	30			X	71973-9415	X 71973-9515	X 71973-9615	1.400 (35.56)	1.495 (37.97)		1.758 (44.65)														
	16	32			X	71973-9416	X 71973-9516	X 71973-9616	1.500 (38.10)	1.595 (40.51)		1.858 (47.19)														
	17	34			X	71973-9417	X 71973-9517	X 71973-9617	1.600 (40.64)	1.695 (43.05)		1.958 (49.73)														
	18	36			X	71973-9418	X 71973-9518	X 71973-9618	1.700 (43.18)	1.795 (45.59)		2.058 (52.27)														
C	19	38			X	71973-9419	X 71973-9519	X 71973-9619	1.800 (45.72)	1.895 (48.13)		2.158 (54.81)														
	20	40			X	71973-9420	X 71973-9520	X 71973-9620	1.900 (48.26)	1.995 (50.67)		2.258 (57.35)														
	21	42			X	71973-9421	X 71973-9521	X 71973-9621	2.000 (50.80)	2.095 (53.21)		2.358 (59.89)														
	22	44			X	71973-9422	X 71973-9522	X 71973-9622	2.100 (53.34)	2.195 (55.75)		2.458 (62.43)														
	23	46			X	71973-9423	X 71973-9523	X 71973-9623	2.200 (55.88)	2.295 (58.29)		2.558 (64.97)														
B	24	48			X	71973-9424	X 71973-9524	X 71973-9624	2.300 (58.42)	2.395 (60.83)		2.658 (67.51)														
	25	50			X	71973-9425	X 71973-9525	X 71973-9625	2.400 (60.96)	2.495 (63.37)		2.758 (70.05)														
	26	52			X	71973-9426	X 71973-9526	X 71973-9626	2.500 (63.50)	2.595 (65.91)		2.858 (72.59)														
	27	54			X	71973-9427	X 71973-9527	X 71973-9627	2.600 (66.04)	2.695 (68.45)		2.958 (75.13)														
	28	56			X	71973-9428	X 71973-9528	X 71973-9628	2.700 (68.58)	2.795 (70.99)		3.058 (77.67)														
A	29	58			X	71973-9429	X 71973-9529	X 71973-9629	2.800 (71.12)	2.895 (73.53)		3.158 (80.21)														
	30	60			X	71973-9430	X 71973-9530	X 71973-9630	2.900 (73.66)	2.995 (76.07)		3.258 (82.75)														
	31	62			X	71973-9431	X 71973-9531	X 71973-9631	3.000 (76.20)	3.095 (78.61)		3.358 (85.29)														
	32	64			X	71973-9432	X 71973-9532	X 71973-9632	3.100 (78.74)	3.195 (81.15)		3.458 (87.83)														
X INDICATES TOOLING IS NOT AVAILABLE								ADD OPTION K & L EC NO: S2010-0534 2009/12/30 DRWN:SKANG CHKD:ATSEE 2010/01/08 APPR:MLONG 2010/01/14				QUALITY SYMBOLS F _A =0 F _B =0 F _P =0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE NTS	DESIGN UNITS INCH	THIRD ANGLE PROJECTION		EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID				MOLEX INCORPORATED	
													4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± --- 1 PLACE ± --- ± ---		DRAWN BY DATE DJB 1991/10/21 CHECKED BY DATE DJB 1991/10/21 APPROVED BY DATE MLONG 2010/01/14		TITLE SDA-71973-****									
													ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.									
													DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		23 OF 26					
tb_frame_A3_P_AM_T Rev. F 2009/06/18		9		8		7		6		5		4		3		2		1								

10		9		8		7		6		5		4		3		2		1				
NO. OF CKTS		OPTION I ASSEMBLY PACKAGED IN TUBES PER PK-70873-0138 (SEE SHEET I FOR FINISH SPECIFICATIONS)					DIMENSION				NO. OF CKTS		OPTION I ASSEMBLY PACKAGED IN TUBES PER PK-70873-0138 (SEE SHEET I FOR FINISH SPECIFICATIONS)					DIMENSION				
PER ROW	TOTAL			15 GOLD	30 GOLD	50 GOLD	A	B	C	D	PER ROW	TOTAL			15 GOLD	30 GOLD	50 GOLD	A	B	C	D	
F	4	8		71973-9704	71973-9804	71973-9904	.300 (7.62)	.395 (10.03)	.200 (5.08)	.658 (16.71)	34	68			71973-9734	71973-9834	71973-9934	3.300 (83.82)	3.395 (86.23)	3.200 (81.28)	3.658 (92.91)	
	5	10		71973-9705	71973-9805	71973-9905	.400 (10.16)	.495 (12.57)	.300 (7.62)	.758 (19.25)	35	70			71973-9735	71973-9835	71973-9935	3.400 (86.36)	3.495 (88.77)	3.300 (83.82)	3.758 (95.45)	
	6	12		71973-9706	71973-9806	71973-9906	.500 (12.70)	.595 (15.11)	.400 (10.16)	.858 (21.79)	36	72			71973-9736	71973-9836	71973-9936	3.500 (88.90)	3.595 (91.31)	3.400 (86.36)	3.858 (97.99)	
	7	14		71973-9707	71973-9807	71973-9907	.600 (15.24)	.695 (17.65)	.500 (12.70)	.958 (24.33)												
	8	16		71973-9708	71973-9808	71973-9908	.700 (17.78)	.795 (20.19)	.600 (15.24)	1.058 (26.87)												
	9	18		71973-9709	71973-9809	71973-9909	.800 (20.32)	.895 (22.73)	.700 (17.78)	1.158 (29.41)												
E	10	20		71973-9710	71973-9810	71973-9910	.900 (22.86)	.995 (25.27)	.800 (20.32)	1.258 (31.95)												
	11	22		71973-9711	71973-9811	71973-9911	1.000 (25.40)	1.095 (27.81)	.900 (22.86)	1.358 (34.49)												
	12	24		71973-9712	71973-9812	71973-9912	1.100 (27.94)	1.195 (30.35)	1.000 (25.40)	1.458 (37.03)												
	13	26		71973-9713	71973-9813	71973-9913	1.200 (30.48)	1.295 (32.89)	1.100 (27.94)	1.558 (39.57)												
	14	28		71973-9714	71973-9814	71973-9914	1.300 (33.02)	1.395 (35.43)	1.200 (30.48)	1.658 (42.11)												
	15	30		71973-9715	71973-9815	71973-9915	1.400 (35.56)	1.495 (37.97)	1.300 (33.02)	1.758 (44.65)												
	16	32		71973-9716	71973-9816	71973-9916	1.500 (38.10)	1.595 (40.51)	1.400 (35.56)	1.858 (47.19)												
D	17	34		71973-9717	71973-9817	71973-9917	1.600 (40.64)	1.695 (43.05)	1.500 (38.10)	1.958 (49.73)												
	18	36		71973-9718	71973-9818	71973-9918	1.700 (43.18)	1.795 (45.59)	1.600 (40.64)	2.058 (52.27)												
	19	38		71973-9719	71973-9819	71973-9919	1.800 (45.72)	1.895 (48.13)	1.700 (43.18)	2.158 (54.81)												
	20	40		71973-9720	71973-9820	71973-9920	1.900 (48.26)	1.995 (50.67)	1.800 (45.72)	2.258 (57.35)												
	21	42		71973-9721	71973-9821	71973-9921	2.000 (50.80)	2.095 (53.21)	1.900 (48.26)	2.358 (59.89)												
	22	44		71973-9722	71973-9822	71973-9922	2.100 (53.34)	2.195 (55.75)	2.000 (50.80)	2.458 (62.43)												
	23	46		71973-9723	71973-9823	71973-9923	2.200 (55.88)	2.295 (58.29)	2.100 (53.34)	2.558 (64.97)												
C	24	48		71973-9724	71973-9824	71973-9924	2.300 (58.42)	2.395 (60.83)	2.200 (55.88)	2.658 (67.51)												
	25	50		71973-9725	71973-9825	71973-9925	2.400 (60.96)	2.495 (63.37)	2.300 (58.42)	2.758 (70.05)												
	26	52		71973-9726	71973-9826	71973-9926	2.500 (63.50)	2.595 (65.91)	2.400 (60.96)	2.858 (72.59)												
	27	54		71973-9727	71973-9827	71973-9927	2.600 (66.04)	2.695 (68.45)	2.500 (63.50)	2.958 (75.13)												
	28	56		71973-9728	71973-9828	71973-9928	2.700 (68.58)	2.795 (70.99)	2.600 (66.04)	3.058 (77.67)												
	29	58		71973-9729	71973-9829	71973-9929	2.800 (71.12)	2.895 (73.53)	2.700 (68.58)	3.158 (80.21)												
	30	60		71973-9730	71973-9830	71973-9930	2.900 (73.66)	2.995 (76.07)	2.800 (71.12)	3.258 (82.75)												
B	31	62		71973-9731	71973-9831	71973-9931	3.000 (76.20)	3.095 (78.61)	2.900 (73.66)	3.358 (85.29)												
	32	64		71973-9732	71973-9832	71973-9932	3.100 (78.74)	3.195 (81.15)	3.000 (76.20)	3.458 (87.83)												
	33	66		71973-9733	71973-9833	71973-9933	3.200 (81.28)	3.295 (83.69)	3.100 (78.74)	3.558 (90.37)												
A		*X INDICATES TOOLING IS NOT AVAILABLE					ADD OPTION K & L EC NO: S2010-0534 DRWN:SKANG 2009/12/30 CHKD:ATSEE 2010/01/08 APPR:MLONG 2010/01/14 DESCRIPTION REV				QUALITY SYMBOLS $F_A=0$ $F_B=0$ $F_P=0$		GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES $\pm$ --- $\pm$ --- 3 PLACES $\pm$ --- $\pm$.010 2 PLACES $\pm$ 0.25 $\pm$ --- 1 PLACE $\pm$ --- $\pm$ --- ANGULAR $\pm$ 1/2°		DIMENSION STYLE IN/MM DRAWN BY DATE DJB 1991/10/21 CHECKED BY DATE DJB 1991/10/21 APPROVED BY DATE MLONG 2010/01/14		SCALE NTS DESIGN UNITS INCH THIRD ANGLE PROJECTION		TITLE EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID MOLEX INCORPORATED MATERIAL NO. SDA-71973-**** SHEET NO. 24 OF 26		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
tb_frame_A3_P_AM_T Rev. F 2009/06/18		9		8		7		6		5		4		3		2		1				

10		9		8		7		6		5		4		3		2		1									
NO. OF CKTS		OPTION K ASSEMBLY PACKAGED IN TUBES PER PK-70873-0138 (SEE SHEET I FOR FINISH SPECIFICATIONS)						DIMENSION				NO. OF CKTS		OPTION K ASSEMBLY PACKAGED IN TUBES PER PK-70873-0138 (SEE SHEET I FOR FINISH SPECIFICATIONS)						DIMENSION							
PER ROW	TOTAL			15 GOLD		30 GOLD		50 GOLD		A	B			PER ROW	TOTAL			15 GOLD		30 GOLD		50 GOLD		A	B		
4	8				71973-6204		71973-6304		71973-6404	.300 (7.62)	.395 (10.03)			32	64				71973-6232		71973-6332		71973-6432	3.100 (78.74)	3.195 (81.15)		
5	10				71973-6205		71973-6305		71973-6405	.400 (10.16)	.495 (12.57)			33	66				71973-6233		71973-6333		71973-6433	3.200 (81.28)	3.295 (83.69)		
6	12				71973-6206		71973-6306		71973-6406	.500 (12.70)	.595 (15.11)			34	68				71973-6234		71973-6334		71973-6434	3.300 (83.82)	3.395 (86.23)		
7	14				71973-6207		71973-6307		71973-6407	.600 (15.24)	.695 (17.65)			35	70				71973-6235		71973-6335		71973-6435	3.400 (86.36)	3.495 (88.77)		
8	16				71973-6208		71973-6308		71973-6408	.700 (17.78)	.795 (20.19)			36	72				71973-6236		71973-6336		71973-6436	3.500 (88.90)	3.595 (91.31)		
9	18				71973-6209		71973-6309		71973-6409	.800 (20.32)	.895 (22.73)																
10	20				71973-6210		71973-6310		71973-6410	.900 (22.86)	.995 (25.27)																
11	22				71973-6211		71973-6311		71973-6411	1.000 (25.40)	1.095 (27.81)																
12	24				71973-6212		71973-6312		71973-6412	1.100 (27.94)	1.195 (30.35)																
13	26				71973-6213		71973-6313		71973-6413	1.200 (30.48)	1.295 (32.89)																
14	28				71973-6214		71973-6314		71973-6414	1.300 (33.02)	1.395 (35.43)																
15	30				71973-6215		71973-6315		71973-6415	1.400 (35.56)	1.495 (37.97)																
16	32				71973-6216		71973-6316		71973-6416	1.500 (38.10)	1.595 (40.51)																
17	34				71973-6217		71973-6317		71973-6417	1.600 (40.64)	1.695 (43.05)																
18	36				71973-6218		71973-6318		71973-6418	1.700 (43.18)	1.795 (45.59)																
19	38				71973-6219		71973-6319		71973-6419	1.800 (45.72)	1.895 (48.13)																
20	40				71973-6220		71973-6320		71973-6420	1.900 (48.26)	1.995 (50.67)																
21	42				71973-6221		71973-6321		71973-6421	2.000 (50.80)	2.095 (53.21)																
22	44				71973-6222		71973-6322		71973-6422	2.100 (53.34)	2.195 (55.75)																
23	46				71973-6223		71973-6323		71973-6423	2.200 (55.88)	2.295 (58.29)																
24	48				71973-6224		71973-6324		71973-6424	2.300 (58.42)	2.395 (60.83)																
25	50				71973-6225		71973-6325		71973-6425	2.400 (60.96)	2.495 (63.37)																
26	52				71973-6226		71973-6326		71973-6426	2.500 (63.50)	2.595 (65.91)																
27	54				71973-6227		71973-6327		71973-6427	2.600 (66.04)	2.695 (68.45)																
28	56				71973-6228		71973-6328		71973-6428	2.700 (68.58)	2.795 (70.99)																
29	58				71973-6229		71973-6329		71973-6429	2.800 (71.12)	2.895 (73.53)																
30	60				71973-6230		71973-6330		71973-6430	2.900 (73.66)	2.995 (76.07)																
31	62				71973-6231		71973-6331		71973-6431	3.000 (76.20)	3.095 (78.61)																
X INDICATES TOOLING IS NOT AVAILABLE										ADD OPTION K & L EC NO: S2010-0534 DRWN:SKANG CHKD:ATSEE APPR:MLONG 2009/12/30 2010/01/08 2010/01/14		QUALITY SYMBOLS F=0 F=0 F=0		GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± --- 1 PLACE ± --- ± --- ANGULAR ± 1/2°		DIMENSION STYLE IN/MM DRAWN BY DATE DJB 1991/10/21 CHECKED BY DATE DJB 1991/10/21 APPROVED BY DATE MLONG 2010/01/14		SCALE NTS		DESIGN UNITS INCH		THIRD ANGLE PROJECTION		TITLE EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID MOLEX INCORPORATED		SHEET NO. 25 OF 26	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										K		REV		A		B		C		D		E		F			
tb_frame_A3_P_AM_T Rev. F 2009/06/18		9		8		7		6		5		4		3		2		1									

[illegible]