

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0719731107](#)
Status: **Active**
Overview: [cgrid_sl_products](#)
Description: 2.54mm (.100") Pitch C-Grid® PCB Connector, Dual Row, Right Angle, Early Entry Receptacle, with Flange, 14 Circuits

Documents:

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

Agency Certification

CSA	LR19980
UL	E29179

General

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

Physical

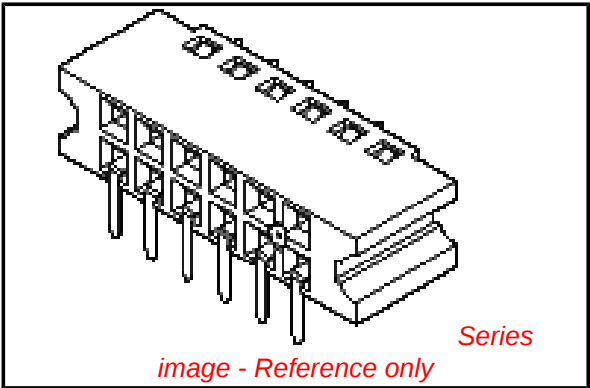
Circuits (Loaded)	14
Color - Resin	Black
Durability (mating cycles max)	50
Flammability	94V-0
Glow-Wire Compliant	No
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	2
Orientation	Right Angle
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)



EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
Contains SVHC: No
Halogen-Free
Status
Not Reviewed

China RoHS



**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.

Search Parts in this Series

[71973Series](#)

Mates With

[87911 Header](#)

Max. Cycles at Max. Process Temperature	3
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:

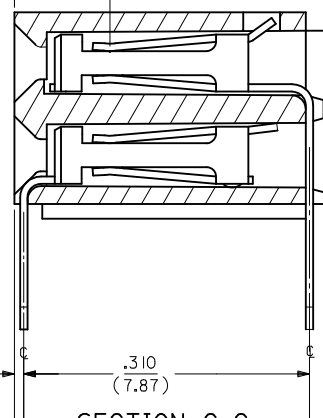
- 1.) MATERIAL -
INSULATOR - LCP, UL 94V-0, COLOR BLACK
CONTACTS - PHOSPHOR BRONZE
- 2.) SEE SHT. 5 & 6 FOR CHART DIMENSIONS AND EDP NO.'S
- 3.) RECOMMENDED MATING PIN LENGTH:
LOWER ROW - .200" MIN., .285" MAX.
UPPER ROW - .200" MIN.
- 4.) REFER TO PRODUCT SPECIFICATION PS-71973-9999 FOR PERFORMANCE 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

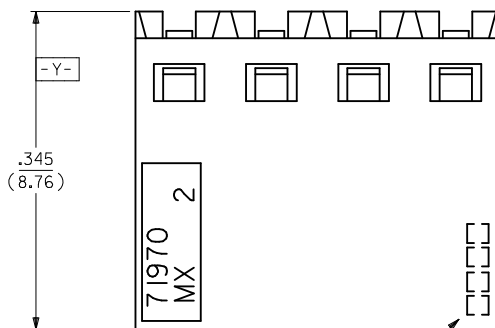
- 15 GOLD .000015 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000075 MINIMUM TIN PLATE IN SELECT AREA.
- 30 GOLD .000030 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000075 MINIMUM TIN PLATE IN SELECT AREA.
- 50 GOLD .000050 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
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.105
(2.67)

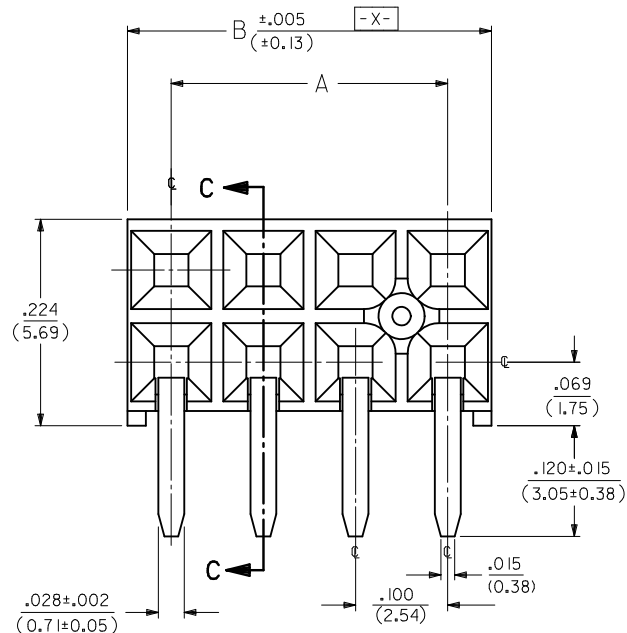
POINT OF
CONTACT



SECTION C-C



4 DIGIT DATE CODE
SEE NOTE 5

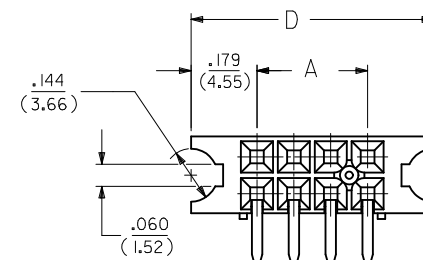
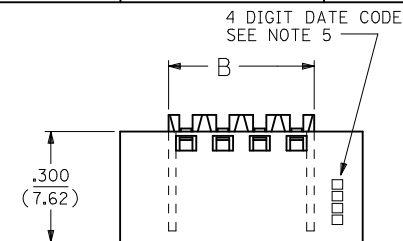


- ⊕ .015 ⊕ TAIL TO TAIL
⊕ .020 ⊕ X ⊕ Y ⊕ TAIL TO INSULATOR

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.



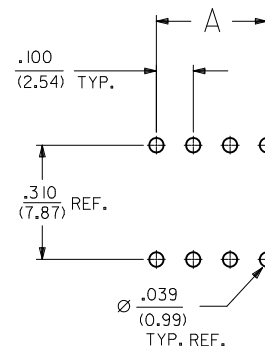
OPTION "B" ASSEMBLY

STD. HOUSING W/MOUNTING EARS
SCALE 4:1

REFER TO OPT. A FOR ALL OTHER INFORMATION

OPTION "J" ASSEMBLY

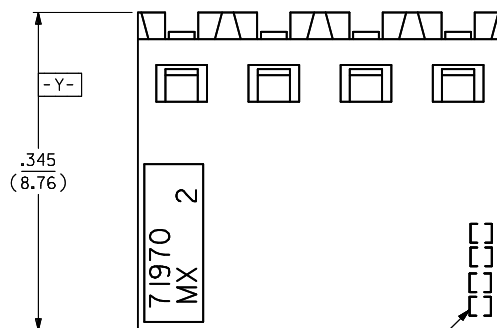
OPTION "J" IS THE SAME AS OPTION "B" EXCEPT
DATE CODE IS NOT STAMPED ON HOUSING.



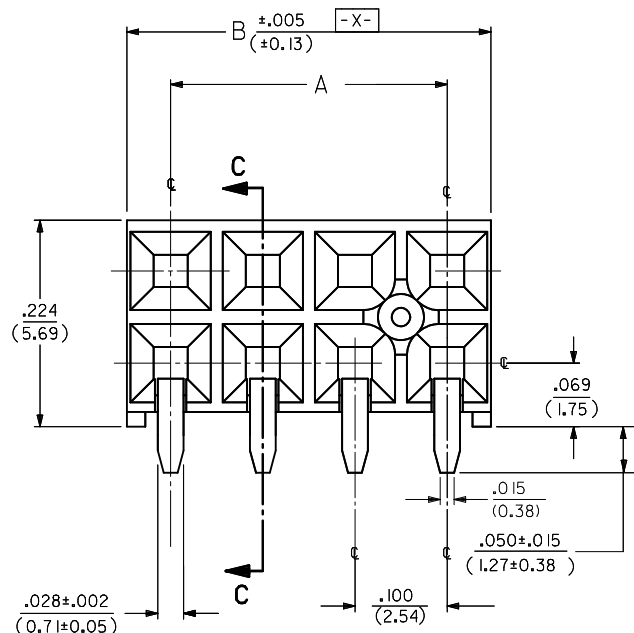
RECOMMENDED P.C.B.
LAYOUT

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	DESCRIPTION	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 MOLEX INCORPORATED			
			4 PLACES	± ---	± ---	CHECKED BY DJB				DATE 1991/10/21
			3 PLACES	± ---	± .010	APPROVED BY MLONG				DATE 2010/01/14
			2 PLACES	± 0.25	± ---	DOCUMENT NO. SDA-71973-****				
K	REV		1 PLACE	± ---	± ---	MATERIAL NO.		SHEET NO.		
			ANGULAR ±1/2°		SEE TABLE		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			

9 8 7 6 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 "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.

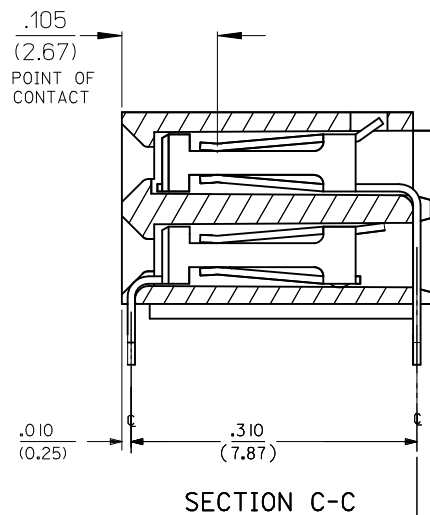
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Rev. F 2009/06/18

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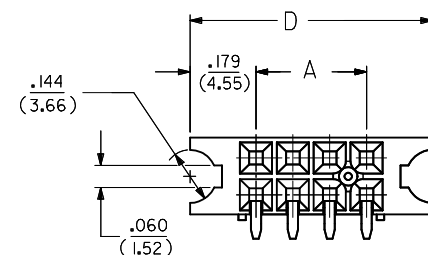
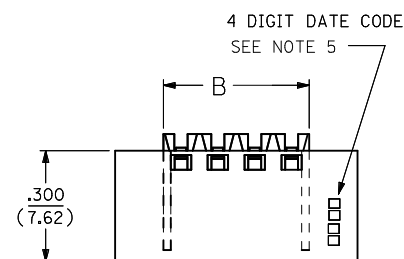
- 1.) MATERIAL-
INSULATOR - LCP, UL 94V-0, COLOR BLACK
CONTACTS - PHOSPHOR BRONZE
- 2.) SEE SHT. 9 & 10 FOR CHART DIMENSIONS AND EDP NO.'S
- 3.) RECOMMENDED MATING PIN LENGTH:
LOWER ROW - .200" MIN., .285" MAX.
UPPER ROW - .200" MIN.
- 4.) REFER TO PRODUCT SPECIFICATION PS-71973-9999 FOR
PERFORMANCE 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.

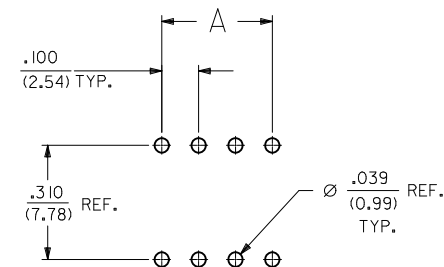


SECTION C-C



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

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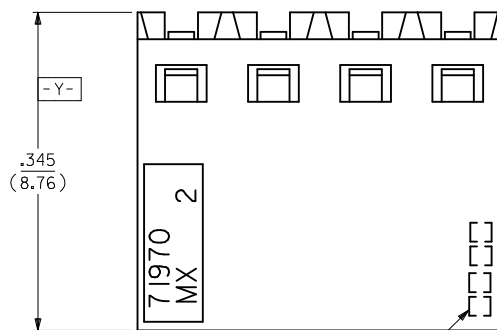
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4

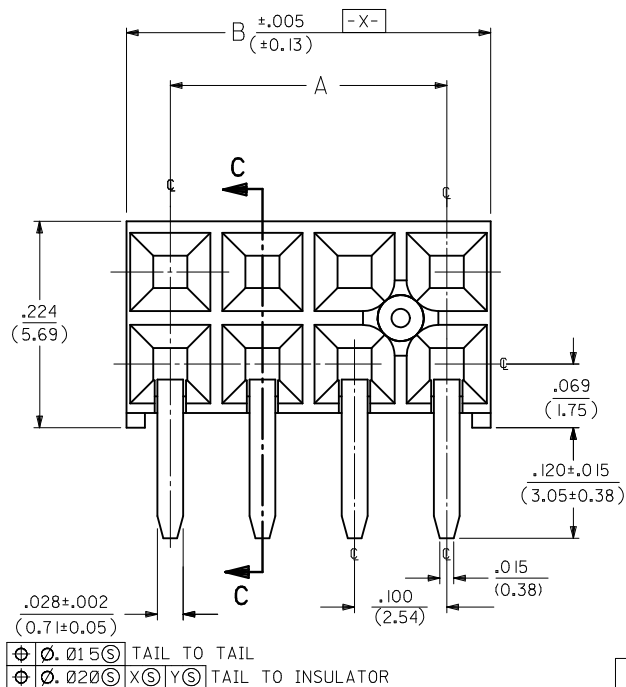
3

2

1



4 DIGIT DATE CODE
SEE NOTE 5



OPTION "E" ASSEMBLY
STANDARD HOUSING

NOTE FOR LEAD FREE CONVERSION:

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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.

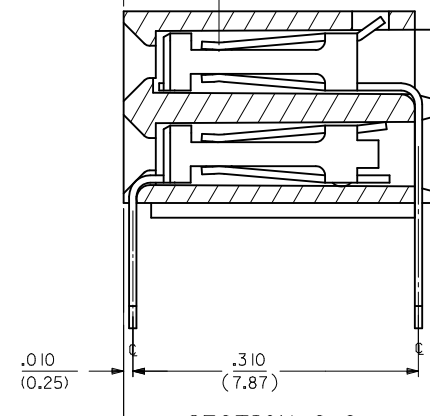
NOTES:

- 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

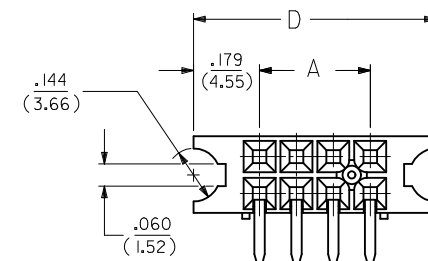
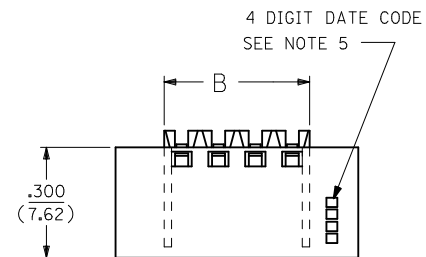
FINISHES

- 15 GOLD .000015 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

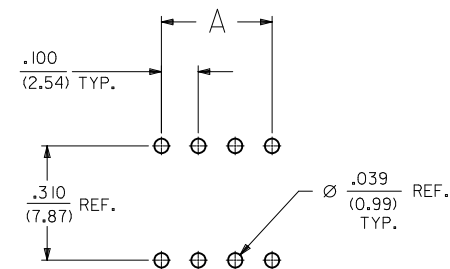


SECTION C-C



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 DRWN:SKANG CHKD:ATSEE 2010/01/08 APPR:MLONG 2010/01/14			DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0 ▽=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								
					2 PLACES	± 0.25	± ---	DJB 1991/10/21								
					1 PLACE	± ---	± ---	APPROVED BY DATE								
					ANGULAR ±1/2°			MLONG 2010/01/14		molex		MOLEX INCORPORATED				
						MATERIAL NO.		DOCUMENT NO.					SHEET NO.			
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE TABLE		SDA-71973-****					3 OF 26			
K			REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												

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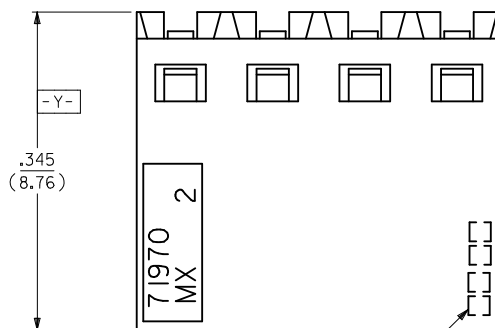
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3

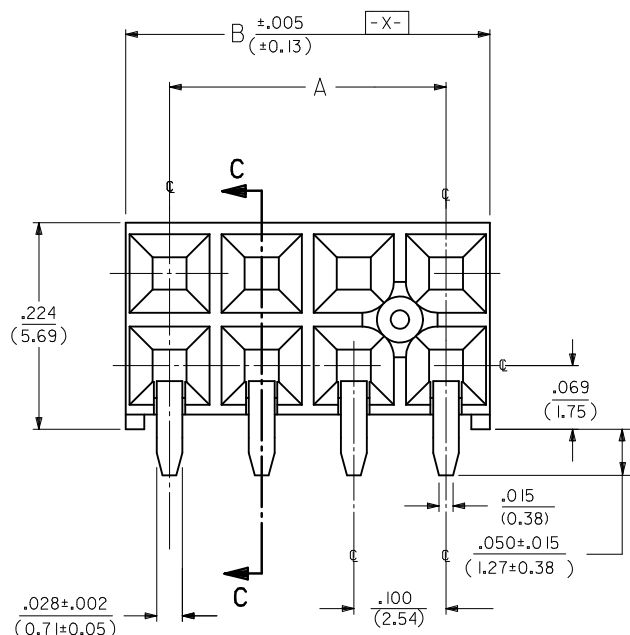
2

1

10 9 8 7 6 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

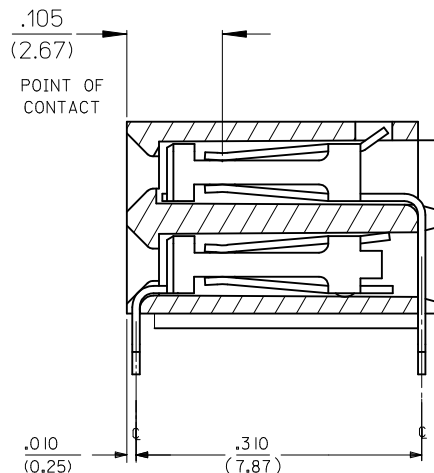
NOTE FOR LEAD FREE CONVERSION:

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.

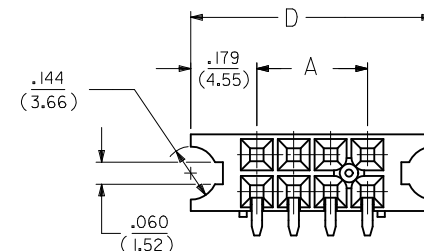
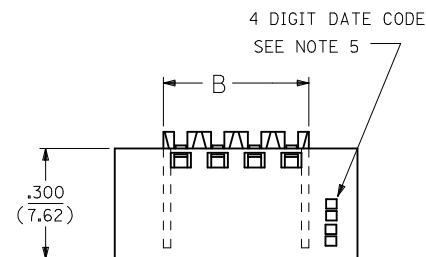
- NOTES:**
- 1.) MATERIAL -
INSULATOR - LCP, UL 94V-0, COLOR BLACK
CONTACTS - PHOSPHOR BRONZE
 - 2.) SEE SHT. 17 & 18 FOR CHART DIMENSIONS AND EDP NO.'S
 - 3.) RECOMMENDED MATING PIN LENGTH:
LOWER ROW - .200" MIN., .250" MAX.
UPPER ROW - .200" MIN.
 - 4.) REFER TO PRODUCT SPECIFICATION PS-71973-9999 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.

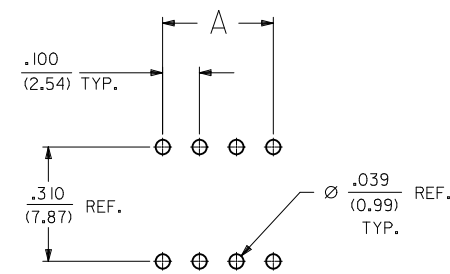


SECTION C-C



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

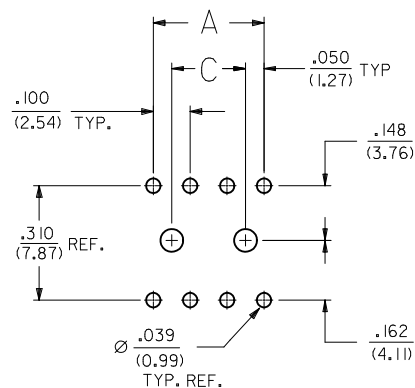
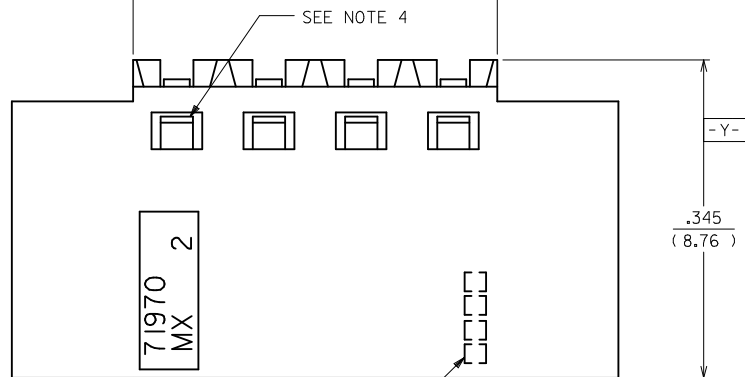
REFER TO OPT. G FOR ALL OTHER INFORMATION



RECOMMENDED P.C.B. LAYOUT

GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE NTS	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
		mm	INCH	DRAWN BY	DATE	TITLE	
4 PLACES		± .005	± .001	DJB	1991/10/21	EARLY ENTRY R/A RECPT	
3 PLACES		± .010	± .002	CHECKED BY	DATE	.120" PC TAIL W/O LOWER	
2 PLACES		± 0.25	± .010	DJB	1991/10/21	ROW PINSTOP-.100" GRID	
1 PLACE		± .010	± .002	APPROVED BY	DATE	MOLEX INCORPORATED	
ANGULAR		± 1/2°		MLONG	2010/01/14	DOCUMENT NO.	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		MATERIAL NO.		SDA-71973-****	
SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SHEET NO.		4 OF 26	

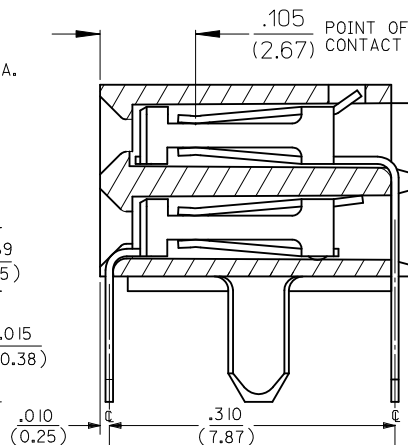
10 9 8 7 6 5 4 3 2 1



RECOMMENDED P.C.B.
LAYOUT

SCALE 4:1

SECTION D-D



NOTES:

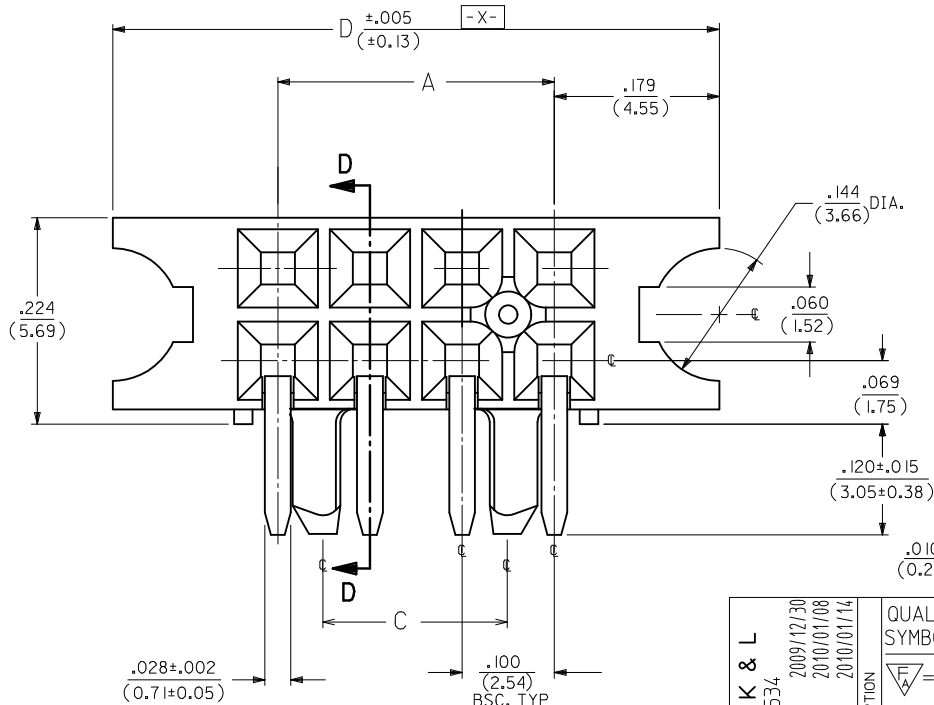
- 1.) MATERIAL -
INSULATOR - LCP, UL 94V-0, COLOR BLACK
CONTACTS - PHOSPHOR BRONZE
- 2.) SEE SHT. 22 FOR CHART DIMENSIONS AND ITEM NO.'S
- 3.) RECOMMENDED MATING PIN LENGTH:
LOWER ROW - .200" MINIMUM, .285" MAX.
UPPER ROW - .200" MINIMUM
- 4.) REFER TO PRODUCT SPECIFICATION PS-71973-9999 FOR PERFORMANCE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



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

ADD OPTION K & L EC NO: S2010-0534 DRWN:SKANG 2009/12/30 CHKD:ATSEE 2010/01/08 APPR:MLONG 2010/01/14	DESCRIPTION	QUALITY SYMBOLS
		F _A =0 F _C =0 F _P =0
K	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
MATERIAL NO.	
SEE TABLE	
SIZE	A3

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
NTS	INCH	
EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID		
MOLEX INCORPORATED		
DOCUMENT NO.		SHEET NO.
SDA-71973-****		5 OF 26
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

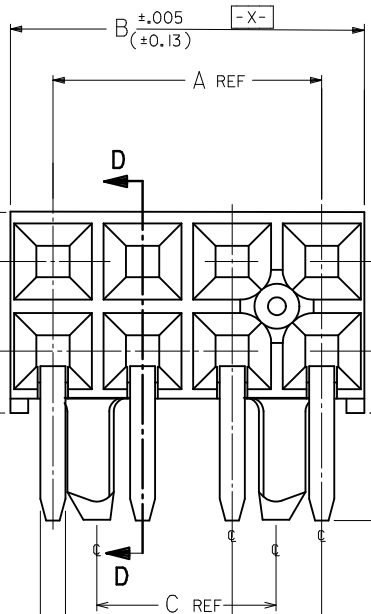
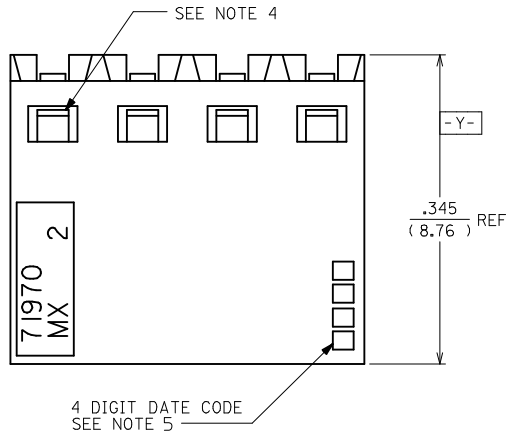
9 8 7 6 5 4 3 2 1

FINISHES

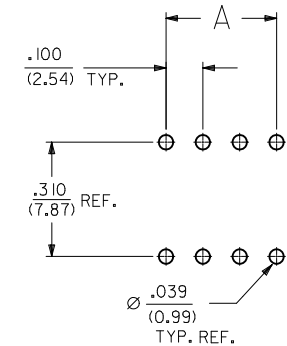
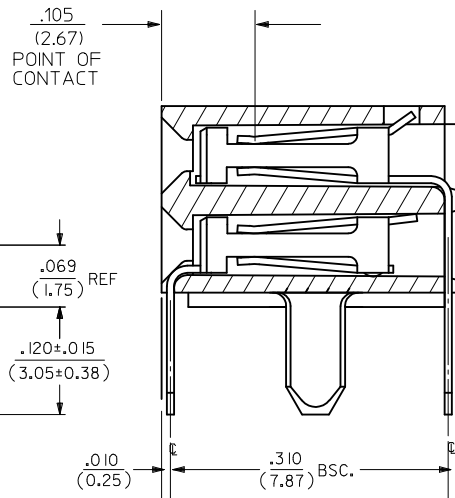
- 15 GOLD .000015 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000075 MINIMUM TIN PLATE IN SELECT AREA.
- 30 GOLD .000030 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000075 MINIMUM TIN PLATE IN SELECT AREA.
- 50 GOLD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



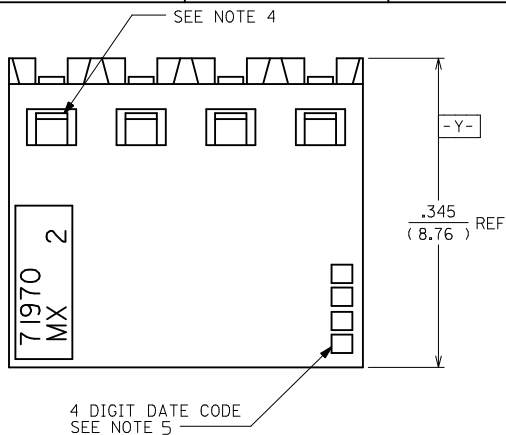
RECOMMENDED P.C.B.
LAYOUT

.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	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	MOLEX MOLEX INCORPORATED					
			2 PLACES			± 0.25	± ---	DJB	1991/10/21						
			1 PLACE			± ---	± ---	APPROVED BY	DATE	MOLEX MOLEX INCORPORATED					
			ANGULAR ±1/2°			MLONG	2010/01/14								
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO.		DOCUMENT NO.		SHEET NO.					
						SEE TABLE		SDA-71973-****		6 OF 26					
						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

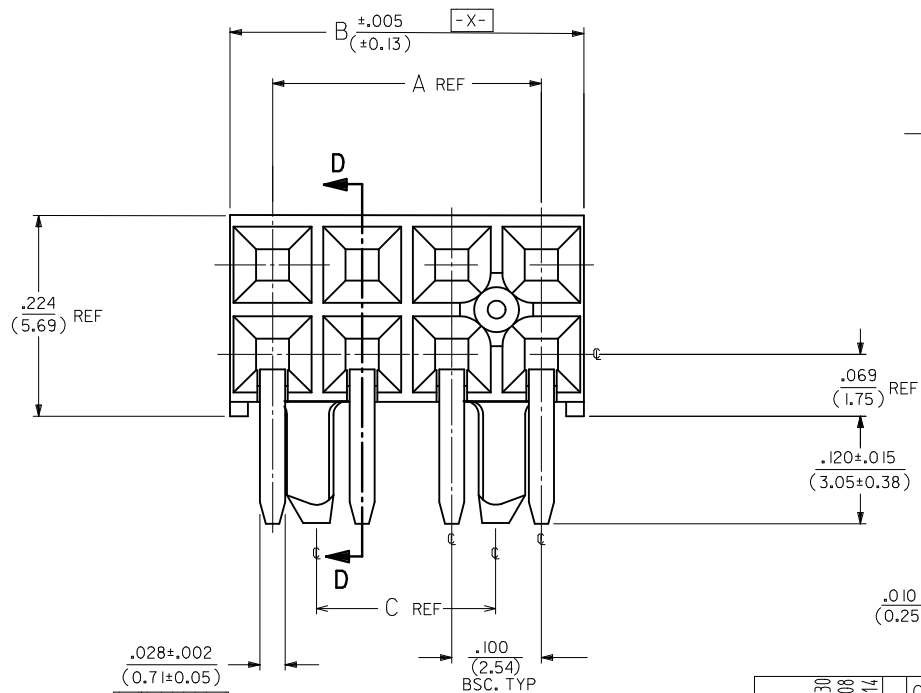
15 GOLD .000015 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000075 MINIMUM TIN PLATE IN SELECT AREA.

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

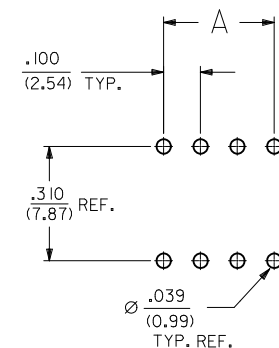
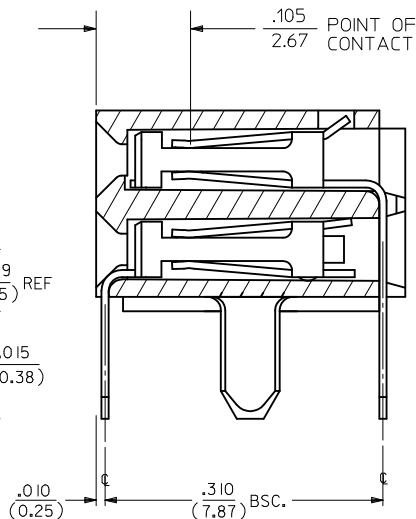
50 GOLD .000050 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000100 MINIMUM TIN PLATE IN SELECT AREA.

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	DESCRIPTION REV	QUALITY SYMBOLS FA=0 FC=0 FP=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	DATE		
			3 PLACES	± ---	± .010	DJB	1991/10/21		
			2 PLACES	± 0.25	± ---	APPROVED BY	DATE	 MOLEX INCORPORATED	
1 PLACE	± ---	± ---	MLONG	2010/01/14					
			ANGULAR ±1/2°		MATERIAL NO.	DOCUMENT NO.		SHEET NO.	
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SDA-71973-****		7 OF 26
K					SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

[illegible]

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Rev. F 2009/06/18

	10		9		8		7		6		5		4		3		2		1				
F	NO. OF CKTS		OPTION B ASSEMBLY PACKAGED IN TRAYS PER PK-70873-0239 (SEE SHEET I FOR FINISH SPECIFICATIONS)					DIMENSION				NO. OF CKTS		OPTION B 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			71973-7004	71973-7104	71973-7204	.300 (7.62)	.395 (10.03)		.658 (16.71)	33	66			71973-7033	71973-7133	71973-7233	3.200 (81.28)	3.295 (83.69)		3.558 (90.37)	
	5	10			71973-7005	71973-7105	71973-7205	.400 (10.16)	.495 (12.57)		.758 (19.25)	34	68			71973-7034	71973-7134	71973-7234	3.300 (83.82)	3.395 (86.23)		3.658 (92.91)	
	6	12			71973-7006	71973-7106	71973-7206	.500 (12.70)	.595 (15.11)		.858 (21.79)	35	70			71973-7035	71973-7135	71973-7235	3.400 (86.36)	3.495 (88.77)		3.758 (95.45)	
	7	14			71973-7007	71973-7107	71973-7207	.600 (15.24)	.695 (17.65)		.958 (24.33)	36	72			71973-7036	71973-7136	71973-7236	3.500 (88.90)	3.595 (91.31)		3.858 (97.99)	
	8	16			71973-7008	71973-7108	71973-7208	.700 (17.78)	.795 (20.19)		1.058 (26.87)												
	9	18			71973-7009	71973-7109	71973-7209	.800 (20.32)	.895 (22.73)		1.158 (29.41)												
E	10	20			71973-7010	71973-7110	71973-7210	.900 (22.86)	.995 (25.27)		1.258 (31.95)												
	11	22			71973-7011	71973-7111	71973-7211	1.000 (25.40)	1.095 (27.81)		1.358 (34.49)												
	12	24			71973-7012	71973-7112	71973-7212	1.100 (27.94)	1.195 (30.35)		1.458 (37.03)												
	13	26			71973-7013	71973-7113	71973-7213	1.200 (30.48)	1.295 (32.89)		1.558 (39.57)												
	14	28			71973-7014	71973-7114	71973-7214	1.300 (33.02)	1.395 (35.43)		1.658 (42.11)												
	15	30			71973-7015	71973-7115	71973-7215	1.400 (35.56)	1.495 (37.97)		1.758 (44.65)												
D	16	32			71973-7016	71973-7116	71973-7216	1.500 (38.10)	1.595 (40.51)		1.858 (47.19)												
	17	34			71973-7017	71973-7117	71973-7217	1.600 (40.64)	1.695 (43.05)		1.958 (49.73)												
	18	36			71973-7018	71973-7118	71973-7218	1.700 (43.18)	1.795 (45.59)		2.058 (52.27)												
	19	38			71973-7019	71973-7119	71973-7219	1.800 (45.72)	1.895 (48.13)		2.158 (54.81)												
	20	40			71973-7020	71973-7120	71973-7220	1.900 (48.26)	1.995 (50.67)		2.258 (57.35)												
	21	42			71973-7021	71973-7121	71973-7221	2.000 (50.80)	2.095 (53.21)		2.358 (59.89)												
	22	44			71973-7022	71973-7122	71973-7222	2.100 (53.34)	2.195 (55.75)		2.458 (62.43)												
	23	46			71973-7023	71973-7123	71973-7223	2.200 (55.88)	2.295 (58.29)		2.558 (64.97)												
C	24	48			71973-7024	71973-7124	71973-7224	2.300 (58.42)	2.395 (60.83)		2.658 (67.51)												
	25	50			71973-7025	71973-7125	71973-7225	2.400 (60.96)	2.495 (63.37)		2.758 (70.05)												
	26	52			71973-7026	71973-7126	71973-7226	2.500 (63.50)	2.595 (65.91)		2.858 (72.59)												
	27	54			71973-7027	71973-7127	71973-7227	2.600 (66.04)	2.695 (68.45)		2.958 (75.13)												
	28	56			71973-7028	71973-7128	71973-7228	2.700 (68.58)	2.795 (70.99)		3.058 (77.67)												
	29	58			71973-7029	71973-7129	71973-7229	2.800 (71.12)	2.895 (73.53)		3.158 (80.21)												
B	30	60			71973-7030	71973-7130	71973-7230	2.900 (73.66)	2.995 (76.07)		3.258 (82.75)												
	31	62			71973-7031	71973-7131	71973-7231	3.000 (76.20)	3.095 (78.61)		3.358 (85.29)												
	32	64			71973-7032	71973-7132	71973-7232	3.100 (78.74)	3.195 (81.15)		3.458 (87.83)												
A	ADD OPTION K & L EC NO: S2010-0534 DRWN:SKANG 2009/12/30 CHKD:ATSEE 2010/01/08 APPR:MLONG 2010/01/14							DESCRIPTION	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	TITLE	MOLEX INCORPORATED		SHEET NO. 11 OF 26							
										4 PLACES ± --- ± ---	3 PLACES ± --- ± .010	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										APPROVED BY DATE		DOCUMENT NO.		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
K										REV		SIZE A3											
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10			9			8			7			6			5			4			3			2			1		
NO. OF CKTS			OPTION E ASSEMBLY PACKAGED IN TUBES PER PK-70873-0138 (SEE SHEET I FOR FINISH SPECIFICATIONS)						DIMENSION						NO. OF CKTS			OPTION E 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				71973-3404	71973-3504	71973-3604	.300 (7.62)	.395 (10.03)					34	68				71973-3434	71973-3534	71973-3634	3.300 (83.82)	3.395 (86.23)						
5	10				71973-3405	71973-3505	71973-3605	.400 (10.16)	.495 (12.57)					35	70				71973-3435	71973-3535	71973-3635	3.400 (86.36)	3.495 (88.77)						
6	12				71973-3406	71973-3506	71973-3606	.500 (12.70)	.595 (15.11)					36	72				71973-3436	71973-3536	71973-3636	3.500 (88.90)	3.595 (91.31)						
7	14				71973-3407	71973-3507	71973-3607	.600 (15.24)	.695 (17.65)																				
8	16				71973-3408	71973-3508	71973-3608	.700 (17.78)	.795 (20.19)																				
9	18				71973-3409	71973-3509	71973-3609	.800 (20.32)	.895 (22.73)																				
10	20				71973-3410	71973-3510	71973-3610	.900 (22.86)	.995 (25.27)																				
11	22				71973-3411	71973-3511	71973-3611	1.000 (25.40)	1.095 (27.81)																				
12	24				71973-3412	71973-3512	71973-3612	1.100 (27.94)	1.195 (30.35)																				
13	26				71973-3413	71973-3513	71973-3613	1.200 (30.48)	1.295 (32.89)																				
14	28				71973-3414	71973-3514	71973-3614	1.300 (33.02)	1.395 (35.43)																				
15	30				71973-3415	71973-3515	71973-3615	1.400 (35.56)	1.495 (37.97)																				
16	32				71973-3416	71973-3516	71973-3616	1.500 (38.10)	1.595 (40.51)																				
17	34				71973-3417	71973-3517	71973-3617	1.600 (40.64)	1.695 (43.05)																				
18	36				71973-3418	71973-3518	71973-3618	1.700 (43.18)	1.795 (45.59)																				
19	38				71973-3419	71973-3519	71973-3619	1.800 (45.72)	1.895 (48.13)																				
20	40				71973-3420	71973-3520	71973-3620	1.900 (48.26)	1.995 (50.67)																				
21	42				71973-3421	71973-3521	71973-3621	2.000 (50.80)	2.095 (53.21)																				
22	44				71973-3422	71973-3522	71973-3622	2.100 (53.34)	2.195 (55.75)																				
23	46				71973-3423	71973-3523	71973-3623	2.200 (55.88)	2.295 (58.29)																				
24	48				71973-3424	71973-3524	71973-3624	2.300 (58.42)	2.395 (60.83)																				
25	50				71973-3425	71973-3525	71973-3625	2.400 (60.96)	2.495 (63.37)																				
26	52				71973-3426	71973-3526	71973-3626	2.500 (63.50)	2.595 (65.91)																				
27	54				71973-3427	71973-3527	71973-3627	2.600 (66.04)	2.695 (68.45)																				
28	56				71973-3428	71973-3528	71973-3628	2.700 (68.58)	2.795 (70.99)																				
29	58				71973-3429	71973-3529	71973-3629	2.800 (71.12)	2.895 (73.53)																				
30	60				71973-3430	71973-3530	71973-3630	2.900 (73.66)	2.995 (76.07)																				
31	62				71973-3431	71973-3531	71973-3631	3.000 (76.20)	3.095 (78.61)																				
32	64				71973-3432	71973-3532	71973-3632	3.100 (78.74)	3.195 (81.15)																				
33	66				71973-3433	71973-3533	71973-3633	3.200 (81.28)	3.295 (83.69)																				
*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=0 F=0 F=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 MOLEX INCORPORATED			
																								CHECKED BY DATE DJB 1991/10/21					
																APPROVED BY DATE MLONG 2010/01/14				MATERIAL NO.		DOCUMENT NO.		SHEET NO.					
																DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SEE TABLE				SDA-71973-****		16 OF 26			
																SIZE A3				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 F ASSEMBLY PACKAGED IN TUBES PER PK-70873-0139 (SEE SHEET I FOR FINISH SPECIFICATIONS)						DIMENSION				NO. OF CKTS		OPTION F 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			PER ROW	TOTAL			I5 GOLD		30 GOLD		50 GOLD		A	B			D
F	4	8			71973-4204	71973-4304	71973-4404		.300 (7.62)	.395 (10.03)		.658 (16.71)	34	68				71973-4234	71973-4334	71973-4434		3.300 (83.82)	3.395 (86.23)		3.658 (92.91)			
	5	10			71973-4205	71973-4305	71973-4405		.400 (10.16)	.495 (12.57)		.758 (19.25)	35	70				71973-4235	71973-4335	71973-4435		3.400 (86.36)	3.495 (88.77)		3.758 (95.45)			
	6	12			71973-4206	71973-4306	71973-4406		.500 (12.70)	.595 (15.11)		.858 (21.79)	36	72				71973-4236	71973-4336	71973-4436		3.500 (88.90)	3.595 (91.31)		3.858 (97.99)			
	7	14			71973-4207	71973-4307	71973-4407		.600 (15.24)	.695 (17.65)		.958 (24.33)																
E	8	16			71973-4208	71973-4308	71973-4408		.700 (17.78)	.795 (20.19)		1.058 (26.87)																
	9	18			71973-4209	71973-4309	71973-4409		.800 (20.32)	.895 (22.73)		1.158 (29.41)																
	10	20			71973-4210	71973-4310	71973-4410		.900 (22.86)	.995 (25.27)		1.258 (31.95)																
	11	22			71973-4211	71973-4311	71973-4411		1.000 (25.40)	1.095 (27.81)		1.358 (34.49)																
D	12	24			71973-4212	71973-4312	71973-4412		1.100 (27.94)	1.195 (30.35)		1.458 (37.03)																
	13	26			71973-4213	71973-4313	71973-4413		1.200 (30.48)	1.295 (32.89)		1.558 (39.57)																
	14	28			71973-4214	71973-4314	71973-4414		1.300 (33.02)	1.395 (35.43)		1.658 (42.11)																
	15	30			71973-4215	71973-4315	71973-4415		1.400 (35.56)	1.495 (37.97)		1.758 (44.65)																
C	16	32			71973-4216	71973-4316	71973-4416		1.500 (38.10)	1.595 (40.51)		1.858 (47.19)																
	17	34			71973-4217	71973-4317	71973-4417		1.600 (40.64)	1.695 (43.05)		1.958 (49.73)																
	18	36			71973-4218	71973-4318	71973-4418		1.700 (43.18)	1.795 (45.59)		2.058 (52.27)																
	19	38			71973-4219	71973-4319	71973-4419		1.800 (45.72)	1.895 (48.13)		2.158 (54.81)																
B	20	40			71973-4220	71973-4320	71973-4420		1.900 (48.26)	1.995 (50.67)		2.258 (57.35)																
	21	42			71973-4221	71973-4321	71973-4421		2.000 (50.80)	2.095 (53.21)		2.358 (59.89)																
	22	44			71973-4222	71973-4322	71973-4422		2.100 (53.34)	2.195 (55.75)		2.458 (62.43)																
	23	46			71973-4223	71973-4323	71973-4423		2.200 (55.88)	2.295 (58.29)		2.558 (64.97)																
A	24	48			71973-4224	71973-4324	71973-4424		2.300 (58.42)	2.395 (60.83)		2.658 (67.51)																
	25	50			71973-4225	71973-4325	71973-4425		2.400 (60.96)	2.495 (63.37)		2.758 (70.05)																
	26	52			71973-4226	71973-4326	71973-4426		2.500 (63.50)	2.595 (65.91)		2.858 (72.59)																
	27	54			71973-4227	71973-4327	71973-4427		2.600 (66.04)	2.695 (68.45)		2.958 (75.13)																
	28	56			71973-4228	71973-4328	71973-4428		2.700 (68.58)	2.795 (70.99)		3.058 (77.67)																
	29	58			71973-4229	71973-4329	71973-4429		2.800 (71.12)	2.895 (73.53)		3.158 (80.21)																
	30	60			71973-4230	71973-4330	71973-4430		2.900 (73.66)	2.995 (76.07)		3.258 (82.75)																
	31	62			71973-4231	71973-4331	71973-4431		3.000 (76.20)	3.095 (78.61)		3.358 (85.29)																
	32	64			71973-4232	71973-4332	71973-4432		3.100 (78.74)	3.195 (81.15)		3.458 (87.83)																
	33	66			71973-4233	71973-4333	71973-4433		3.200 (81.28)	3.295 (83.69)		3.558 (90.37)																
X INDICATES TOOLING IS NOT AVAILABLE.		ADD OPTION K & L EC NO: S2010-0534 DRWN:SKANG CHKD:ATSEE APPR:MLONG REV		2009/12/30 2010/01/08 2010/01/14		DESCRIPTION		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										
										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 MOLEX INCORPORATED								
										3 PLACES ± ---		± .010		CHECKED BY		DATE												
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		2 PLACES ± 0.25		± ---		DJB		1991/10/21		MATERIAL NO. SEE TABLE		DOCUMENT NO. SDA-71973-****		SHEET NO. 17 OF 26														
		1 PLACE ± ---		± ---		APPROVED BY		DATE																				
A3		ANGULAR ±1/2°		MLONG		2010/01/14																						

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10		9		8		7		6		5		4		3		2		1					
NO. OF CKTS		OPTION E ASSEMBLY PACKAGED IN TRAYS PER PK-70873-0239 (SEE SHEET I FOR FINISH SPECIFICATIONS)						DIMENSION				NO. OF CKTS		OPTION E 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					15 GOLD	30 GOLD	50 GOLD	A	B						
4	8			71973-8204	71973-8304	71973-8404	.300 (7.62)	.395 (10.03)					71973-8234	71973-8334	71973-8434	3.300 (83.82)	3.395 (86.23)						
5	10			71973-8205	71973-8305	71973-8405	.400 (10.16)	.495 (12.57)					71973-8235	71973-8335	71973-8435	3.400 (86.36)	3.495 (88.77)						
6	12			71973-8206	71973-8306	71973-8406	.500 (12.70)	.595 (15.11)					71973-8236	71973-8336	71973-8436	3.500 (88.90)	3.595 (91.31)						
7	14			71973-8207	71973-8307	71973-8407	.600 (15.24)	.695 (17.65)															
8	16			71973-8208	71973-8308	71973-8408	.700 (17.78)	.795 (20.19)															
9	18			71973-8209	71973-8309	71973-8409	.800 (20.32)	.895 (22.73)															
10	20			71973-8210	71973-8310	71973-8410	.900 (22.86)	.995 (25.27)															
11	22			71973-8211	71973-8311	71973-8411	1.000 (25.40)	1.095 (27.81)															
12	24			71973-8212	71973-8312	71973-8412	1.100 (27.94)	1.195 (30.35)															
13	26			71973-8213	71973-8313	71973-8413	1.200 (30.48)	1.295 (32.89)															
14	28			71973-8214	71973-8314	71973-8414	1.300 (33.02)	1.395 (35.43)															
15	30			71973-8215	71973-8315	71973-8415	1.400 (35.56)	1.495 (37.97)															
16	32			71973-8216	71973-8316	71973-8416	1.500 (38.10)	1.595 (40.51)															
17	34			71973-8217	71973-8317	71973-8417	1.600 (40.64)	1.695 (43.05)															
18	36			71973-8218	71973-8318	71973-8418	1.700 (43.18)	1.795 (45.59)															
19	38			71973-8219	71973-8319	71973-8419	1.800 (45.72)	1.895 (48.13)															
20	40			71973-8220	71973-8320	71973-8420	1.900 (48.26)	1.995 (50.67)															
21	42			71973-8221	71973-8321	71973-8421	2.000 (50.80)	2.095 (53.21)															
22	44			71973-8222	71973-8322	71973-8422	2.100 (53.34)	2.195 (55.75)															
23	46			71973-8223	71973-8323	71973-8423	2.200 (55.88)	2.295 (58.29)															
24	48			71973-8224	71973-8324	71973-8424	2.300 (58.42)	2.395 (60.83)															
25	50			71973-8225	71973-8325	71973-8425	2.400 (60.96)	2.495 (63.37)															
26	52			71973-8226	71973-8326	71973-8426	2.500 (63.50)	2.595 (65.91)															
27	54			71973-8227	71973-8327	71973-8427	2.600 (66.04)	2.695 (68.45)															
28	56			71973-8228	71973-8328	71973-8428	2.700 (68.58)	2.795 (70.99)															
29	58			71973-8229	71973-8329	71973-8429	2.800 (71.12)	2.895 (73.53)															
30	60			71973-8230	71973-8330	71973-8430	2.900 (73.66)	2.995 (76.07)															
31	62			71973-8231	71973-8331	71973-8431	3.000 (76.20)	3.095 (78.61)															
32	64			71973-8232	71973-8332	71973-8432	3.100 (78.74)	3.195 (81.15)															
33	66			71973-8233	71973-8333	71973-8433	3.200 (81.28)	3.295 (83.69)															
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=0 F=0 F=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. DOCUMENT NO. SEE TABLE SDA-71973-****													
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										SHEET NO. 18 OF 26									
fb_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										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																																																																					
4										8										X 71973-5004										X 71973-5104										X 71973-5204										.300 (7.62)										.395 (10.03)										32										64										X 71973-5032										X 71973-5132										X 71973-5232										3.100 (78.74)										3.195 (81.15)									
5										10										X 71973-5005										X 71973-5105										X 71973-5205										.400 (10.16)										.495 (12.57)										33										66										X 71973-5033										X 71973-5133										X 71973-5233										3.200 (81.28)										3.295 (83.69)									
6										12										X 71973-5006										X 71973-5106										X 71973-5206										.500 (12.70)										.595 (15.11)										34										68										X 71973-5034										X 71973-5134										X 71973-5234										3.300 (83.82)										3.395 (86.23)									
7										14										X 71973-5007										X 71973-5107										X 71973-5207										.600 (15.24)										.695 (17.65)										35										70										X 71973-5035										X 71973-5135										X 71973-5235										3.400 (86.36)										3.495 (88.77)									
8										16										X 71973-5008										X 71973-5108										X 71973-5208										.700 (17.78)										.795 (20.19)										36										72										X 71973-5036										X 71973-5136										X 71973-5236										3.500 (88.90)										3.595 (91.31)									
9										18										X 71973-5009										X 71973-5109										X 71973-5209										.800 (20.32)										.895 (22.73)																																																																															
E										10										X 71973-5010										X 71973-5110										X 71973-5210										.900 (22.86)										.995 (25.27)																																																																															
										11										X 71973-5011										X 71973-5111										X 71973-5211										1.000 (25.40)										1.095 (27.81)																																																																															
										12										X 71973-5012										X 71973-5112										X 71973-5212										1.100 (27.94)										1.195 (30.35)																																																																															
										13										X 71973-5013										X 71973-5113										X 71973-5213										1.200 (30.48)										1.295 (32.89)																																																																															
										14										X 71973-5014										X 71973-5114										X 71973-5214										1.300 (33.02)										1.395 (35.43)																																																																															
										15										X 71973-5015										X 71973-5115										X 71973-5215										1.400 (35.56)										1.495 (37.97)																																																																															
D										16										X 71973-5016										X 71973-5116										X 71973-5216										1.500 (38.10)										1.595 (40.51)																																																																															
										17										X 71973-5017										X 71973-5117										X 71973-5217										1.600 (40.64)										1.695 (43.05)																																																																															
										18										X 71973-5018										X 71973-5118										X 71973-5218										1.700 (43.18)										1.795 (45.59)																																																																															
										19										X 71973-5019										X 71973-5119										X 71973-5219										1.800 (45.72)										1.895 (48.13)																																																																															
										20										X 71973-5020										X 71973-5120										X 71973-5220										1.900 (48.26)										1.995 (50.67)																																																																															
										21										X 71973-5021										X 71973-5121										X 71973-5221										2.000 (50.80)										2.095 (53.21)																																																																															
										22										X 71973-5022										X 71973-5122										X 71973-5222										2.100 (53.34)										2.195 (55.75)																																																																															
C										23										X 71973-5023										X 71973-5123										X 71973-5223										2.200 (55.88)										2.295 (58.29)																																																																															
										24										X 71973-5024										X 71973-5124										X 71973-5224										2.300 (58.42)										2.395 (60.83)																																																																															
										25										X 71973-5025										X 71973-5125										X 71973-5225										2.400 (60.96)										2.495 (63.37)																																																																															
										26										X 71973-5026										X 71973-5126										X 71973-5226										2.500 (63.50)										2.595 (65.91)																																																																															
										27										X 71973-5027										X 71973-5127										X 71973-5227										2.600 (66.04)										2.695 (68.45)																																																																															
										28										X 71973-5028										X 71973-5128										X 71973-5228										2.700 (68.58)										2.795 (70.99)																																																																															
B										29										X 71973-5029										X 71973-5129										X 71973-5229										2.800 (71.12)										2.895 (73.53)																																																																															
										30										X 71973-5030										X 71973-5130										X 71973-5230										2.900 (73.66)										2.995 (76.07)																																																																															
										31										X 71973-5031										X 71973-5131										X 71973-5231										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 _A =0 F _B =0 F _P =0										GENERAL TOLERANCES (UNLESS SPECIFIED)										DIMENSION STYLE IN/MM										SCALE NTS										DESIGN UNITS INCH										THIRD ANGLE PROJECTION																																																																					
																														4 PLACES ± --- ± ---										DRAWN BY DATE										TITLE																																																																																									
																														3 PLACES ± --- ± .010										CHECKED BY DATE										EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID																																																																																									
																														2 PLACES ± 0.25 ± ---										DJB 1991/10/21										MOLEX INCORPORATED																																																																																									
																														1 PLACE ± --- ± ---										APPROVED BY DATE										SDA-71973-****																																																																																									
																														ANGULAR ± 1/2°										MLONG 2010/01/14										SHEET NO. 20 OF 26																																																																																									
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10			9			8			7			6			5			4			3			2			1		
F	NO. OF CKTS		OPTION H ASSEMBLY PACKAGED IN TUBES PER PK-70873-0139 (SEE SHEET I FOR FINISH SPECIFICATIONS)						DIMENSION				NO. OF CKTS		OPTION H ASSEMBLY PACKAGED IN TUBES PER PK-70873-0139 (SEE SHEET I FOR FINISH SPECIFICATIONS)						DIMENSION								
	PER ROW	TOTAL							A	B		D			A	B		D											
	4	8			X	71973-5804	X	71973-5904	X	71973-6004		.300 (7.62)	.395 (10.03)		.658 (16.71)			X	71973-5831	X	71973-5931	X	71973-6031		3.000 (76.20)	3.095 (78.61)		3.358 (85.29)	
	5	10			X	71973-5805	X	71973-5905	X	71973-6005		.400 (10.16)	.495 (12.57)		.758 (19.25)			X	71973-5832	X	71973-5932	X	71973-6032		3.100 (78.74)	3.195 (81.15)		3.458 (87.83)	
	6	12			X	71973-5806	X	71973-5906	X	71973-6006		.500 (12.70)	.595 (15.11)		.858 (21.79)			X	71973-5833	X	71973-5933	X	71973-6033		3.200 (81.28)	3.295 (83.69)		3.558 (90.37)	
E	7	14			X	71973-5807	X	71973-5907	X	71973-6007		.600 (15.24)	.695 (17.65)		.958 (24.33)			X	71973-5834	X	71973-5934	X	71973-6034		3.300 (83.82)	3.395 (86.23)		3.658 (92.91)	
	8	16			X	71973-5808	X	71973-5908	X	71973-6008		.700 (17.78)	.795 (20.19)		1.058 (26.87)			X	71973-5835	X	71973-5935	X	71973-6035		3.400 (86.36)	3.495 (88.77)		3.758 (95.45)	
	9	18			X	71973-5809	X	71973-5909	X	71973-6009		.800 (20.32)	.895 (22.73)		1.158 (29.41)			X	71973-5836	X	71973-5936	X	71973-6036		3.500 (88.90)	3.595 (91.31)		3.858 (97.99)	
	10	20			X	71973-5810	X	71973-5910	X	71973-6010		.900 (22.86)	.995 (25.27)		1.258 (31.95)														
	11	22			X	71973-5811	X	71973-5911	X	71973-6011		1.000 (25.40)	1.095 (27.81)		1.358 (34.49)														
	12	24			X	71973-5812	X	71973-5912	X	71973-6012		1.100 (27.94)	1.195 (30.35)		1.458 (37.03)														
	13	26			X	71973-5813	X	71973-5913	X	71973-6013		1.200 (30.48)	1.295 (32.89)		1.558 (39.57)														
D	14	28			X	71973-5814	X	71973-5914	X	71973-6014		1.300 (33.02)	1.395 (35.43)		1.658 (42.11)														
	15	30			X	71973-5815	X	71973-5915	X	71973-6015		1.400 (35.56)	1.495 (37.97)		1.758 (44.65)														
	16	32			X	71973-5816	X	71973-5916	X	71973-6016		1.500 (38.10)	1.595 (40.51)		1.858 (47.19)														
	17	34			X	71973-5817	X	71973-5917	X	71973-6017		1.600 (40.64)	1.695 (43.05)		1.958 (49.73)														
	18	36			X	71973-5818	X	71973-5918	X	71973-6018		1.700 (43.18)	1.795 (45.59)		2.058 (52.27)														
	19	38			X	71973-5819	X	71973-5919	X	71973-6019		1.800 (45.72)	1.895 (48.13)		2.158 (54.81)														
C	20	40			X	71973-5820	X	71973-5920	X	71973-6020		1.900 (48.26)	1.995 (50.67)		2.258 (57.35)														
	21	42			X	71973-5821	X	71973-5921	X	71973-6021		2.000 (50.80)	2.095 (53.21)		2.358 (59.89)														
	22	44			X	71973-5822	X	71973-5922	X	71973-6022		2.100 (53.34)	2.195 (55.75)		2.458 (62.43)														
	23	46			X	71973-5823	X	71973-5923	X	71973-6023		2.200 (55.88)	2.295 (58.29)		2.558 (64.97)														
	24	48			X	71973-5824	X	71973-5924	X	71973-6024		2.300 (58.42)	2.395 (60.83)		2.658 (67.51)														
	25	50			X	71973-5825	X	71973-5925	X	71973-6025		2.400 (60.96)	2.495 (63.37)		2.758 (70.05)														
	26	52			X	71973-5826	X	71973-5926	X	71973-6026		2.500 (63.50)	2.595 (65.91)		2.858 (72.59)														
B	27	54			X	71973-5827	X	71973-5927	X	71973-6027		2.600 (66.04)	2.695 (68.45)		2.958 (75.13)														
	28	56			X	71973-5828	X	71973-5928	X	71973-6028		2.700 (68.58)	2.795 (70.99)		3.058 (77.67)														
	29	58			X	71973-5829	X	71973-5929	X	71973-6029		2.800 (71.12)	2.895 (73.53)		3.158 (80.21)														
	30	60			X	71973-5830	X	71973-5930	X	71973-6030		2.900 (73.66)	2.995 (76.07)		3.258 (82.75)														

X INDICATES TOOLING IS NOT AVAILABLE.

"X" INDICATES TOOLING IS NOT AVAILABLE.															
A	ADD OPTION K & L EC NO: S2010-0534 DRWN:SKANG 2009/12/30 CHKD:ATSEE 2010/01/08 APPR:MLONG 2010/01/14				DESCRIPTION QUALITY SYMBOLS $\nabla_F = 0$ $\nabla_F = 0$ $\nabla_F = 0$	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 $\pm$ --- $\pm$ ---			DJB 1991/10/21											
	3 PLACES $\pm$ --- $\pm$.010			CHECKED BY DATE											
	2 PLACES $\pm$ 0.25 $\pm$ ---			DJB 1991/10/21											
	1 PLACE $\pm$ --- $\pm$ ---			APPROVED BY DATE		MOLEX MOLEX INCORPORATED									
	ANGULAR $\pm$ 1/2°			MLONG 2010/01/14											
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO.		DOCUMENT NO.				SHEET NO.					
	K			REV		SIZE A3		SEE TABLE				SDA-71973-****		21 OF 26	
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														

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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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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 CHYD:ATSEE APPR:MLONG 2009/12/30 2010/01/08 2010/01/14				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 TITLE EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID MOLEX INCORPORATED		DESIGN UNITS INCH THIRD ANGLE PROJECTION		MATERIAL NO. SEE TABLE SIZE A3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SHEET NO. 24 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 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 FA=0 FC=0 FP=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 SDA-71973-****		SHEET NO. 25 OF 26			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										K		REV		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									
NO. OF CKTS		OPTION L ASSEMBLY PACKAGED IN TUBES PER PK-70873-0138 (SEE SHEET I FOR FINISH SPECIFICATIONS)						DIMENSION				NO. OF CKTS		OPTION L 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					15 GOLD		30 GOLD		50 GOLD		A	B				
4	8				71973-5404		71973-5504		71973-5604	.300 (7.62)	.395 (10.03)					71973-5431		71973-5531		71973-5631	3.000 (76.20)	3.095 (78.61)					
5	10				71973-5405		71973-5505		71973-5605	.400 (10.16)	.495 (12.57)					71973-5432		71973-5532		71973-5632	3.100 (78.74)	3.195 (81.15)					
6	12				71973-5406		71973-5506		71973-5606	.500 (12.70)	.595 (15.11)					71973-5433		71973-5533		71973-5633	3.200 (81.28)	3.295 (83.69)					
7	14				71973-5407		71973-5507		71973-5607	.600 (15.24)	.695 (17.65)					71973-5434		71973-5534		71973-5634	3.300 (83.82)	3.395 (86.23)					
8	16				71973-5408		71973-5508		71973-5608	.700 (17.78)	.795 (20.19)					71973-5435		71973-5535		71973-5635	3.400 (86.36)	3.495 (88.77)					
9	18				71973-5409		71973-5509		71973-5609	.800 (20.32)	.895 (22.73)					71973-5436		71973-5536		71973-5636	3.500 (88.90)	3.595 (91.31)					
10	20				71973-5410		71973-5510		71973-5610	.900 (22.86)	.995 (25.27)																
11	22				71973-5411		71973-5511		71973-5611	1.000 (25.40)	1.095 (27.81)																
12	24				71973-5412		71973-5512		71973-5612	1.100 (27.94)	1.195 (30.35)																
13	26				71973-5413		71973-5513		71973-5613	1.200 (30.48)	1.295 (32.89)																
14	28				71973-5414		71973-5514		71973-5614	1.300 (33.02)	1.395 (35.43)																
15	30				71973-5415		71973-5515		71973-5615	1.400 (35.56)	1.495 (37.97)																
16	32				71973-5416		71973-5516		71973-5616	1.500 (38.10)	1.595 (40.51)																
17	34				71973-5417		71973-5517		71973-5617	1.600 (40.64)	1.695 (43.05)																
18	36				71973-5418		71973-5518		71973-5618	1.700 (43.18)	1.795 (45.59)																
19	38				71973-5419		71973-5519		71973-5619	1.800 (45.72)	1.895 (48.13)																
20	40				71973-5420		71973-5520		71973-5620	1.900 (48.26)	1.995 (50.67)																
21	42				71973-5421		71973-5521		71973-5621	2.000 (50.80)	2.095 (53.21)																
22	44				71973-5422		71973-5522		71973-5622	2.100 (53.34)	2.195 (55.75)																
23	46				71973-5423		71973-5523		71973-5623	2.200 (55.88)	2.295 (58.29)																
24	48				71973-5424		71973-5524		71973-5624	2.300 (58.42)	2.395 (60.83)																
25	50				71973-5425		71973-5525		71973-5625	2.400 (60.96)	2.495 (63.37)																
26	52				71973-5426		71973-5526		71973-5626	2.500 (63.50)	2.595 (65.91)																
27	54				71973-5427		71973-5527		71973-5627	2.600 (66.04)	2.695 (68.45)																
28	56				71973-5428		71973-5528		71973-5628	2.700 (68.58)	2.795 (70.99)																
29	58				71973-5429		71973-5529		71973-5629	2.800 (71.12)	2.895 (73.53)																
30	60				71973-5430		71973-5530		71973-5630	2.900 (73.66)	2.995 (76.07)																
"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) 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. 26 OF 26	
												DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		MATERIAL NO.		DOCUMENT NO.		SDA-71973-****							
														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									