

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0719731109](#)
Status: **Active**
Overview: [cgrid_sl_products](#)
Description: 2.54mm (.100") Pitch C-Grid® PCB Connector, Dual Row, Right Angle, Early Entry Receptacle, with Flange, 18 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

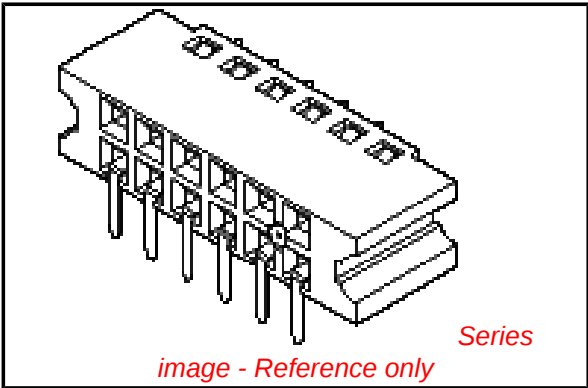
Circuits (Loaded) 18
Color - Resin Black
Durability (mating cycles max) 50
Flammability 94V-0
Glow-Wire Compliant No
Material - Metal Phosphor Bronze
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin High Temperature Thermoplastic
Number of Rows 2
Orientation Right Angle
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:

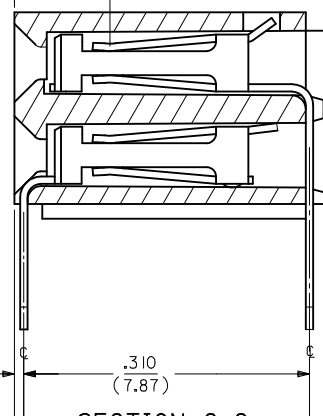
- 1.) MATERIAL -
INSULATOR - LCP, UL 94V-0, COLOR BLACK
CONTACTS - PHOSPHOR BRONZE
- 2.) SEE SHT. 5 & 6 FOR CHART DIMENSIONS AND EDP NO.'S
- 3.) RECOMMENDED MATING PIN LENGTH:
LOWER ROW - .200" MIN., .285" MAX.
UPPER ROW - .200" MIN.
- 4.) REFER TO PRODUCT SPECIFICATION PS-71973-9999 FOR PERFORMANCE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

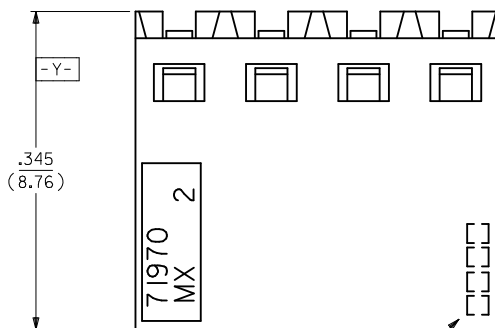
- 15 GOLD .000015 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000075 MINIMUM TIN PLATE IN SELECT AREA.
- 30 GOLD .000030 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000075 MINIMUM TIN PLATE IN SELECT AREA.
- 50 GOLD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

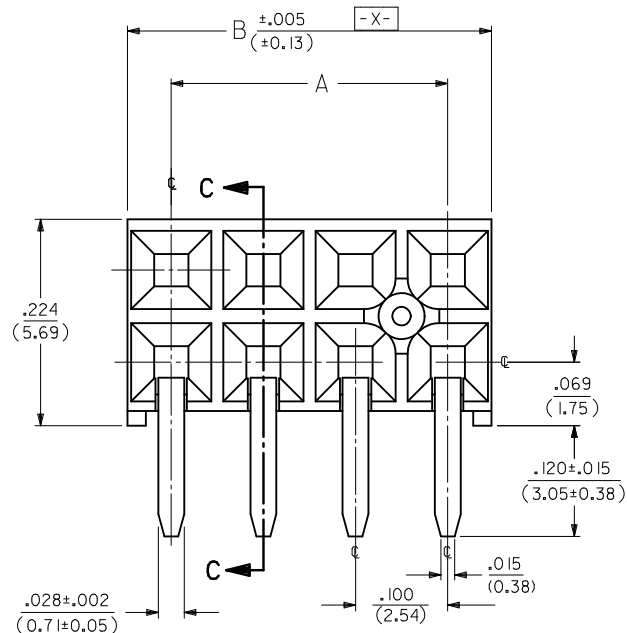
POINT OF
CONTACT



SECTION C-C



4 DIGIT DATE CODE
SEE NOTE 5

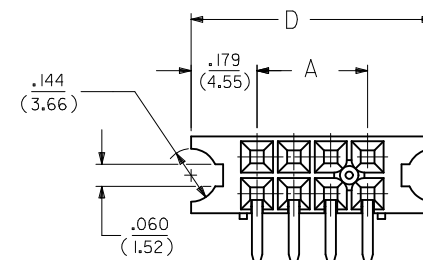
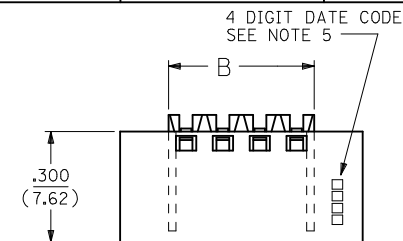


- ⊕ Ø.015(5) TAIL TO TAIL
⊕ Ø.020(5) X(5) Y(5) TAIL TO INSULATOR

OPTION "A" ASSEMBLY
STANDARD HOUSING

NOTE FOR LEAD FREE CONVERSION:

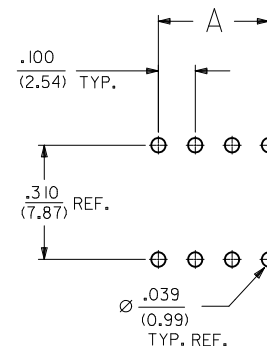
THE PRIMARY SHIPPING CARTON WILL BE
LABELED "COMPLIANT TO RoHS DIRECTIVE
2002/95/EC AND ELV ANNEX II OF
DIRECTIVE 2000/53/EC". CARTONS WITHOUT
THIS LABEL MAY CONTAIN PRODUCT WITH
LEAD.



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

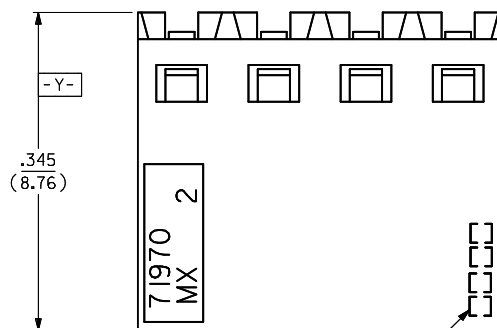
REFER TO OPT. A FOR ALL OTHER INFORMATION

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

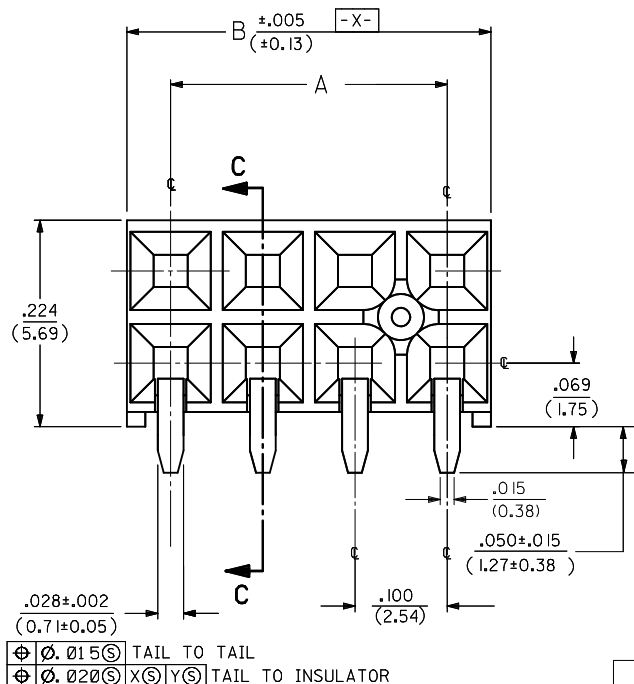


RECOMMENDED P.C.B.
LAYOUT

ADD OPTION K & L EC NO: S2010-0534 2009/12/30 DRWN:KANG 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. 1 OF 26		
ANGULAR ± 1/2°		MATERIAL NO.		SEE TABLE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3												



4 DIGIT DATE CODE
SEE NOTE 5



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.

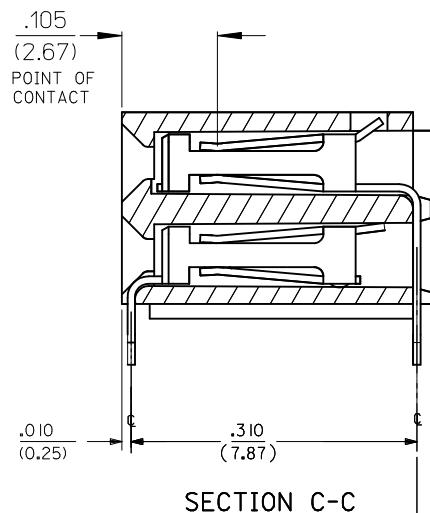
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Rev. F 2009/06/18

NOTES:

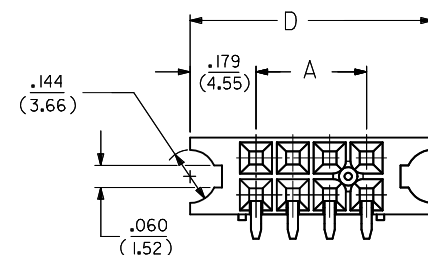
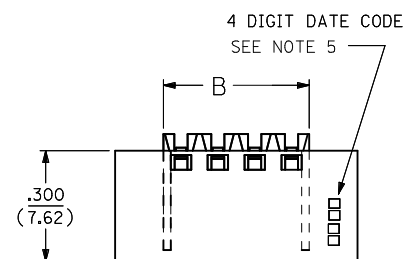
- 1.) MATERIAL-
INSULATOR - LCP, UL 94V-0, COLOR BLACK
CONTACTS - PHOSPHOR BRONZE
- 2.) SEE SHT. 9 & 10 FOR CHART DIMENSIONS AND EDP NO.'S
- 3.) RECOMMENDED MATING PIN LENGTH:
LOWER ROW - .200" MIN., .285" MAX.
UPPER ROW - .200" MIN.
- 4.) REFER TO PRODUCT SPECIFICATION PS-71973-9999 FOR
PERFORMANCE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

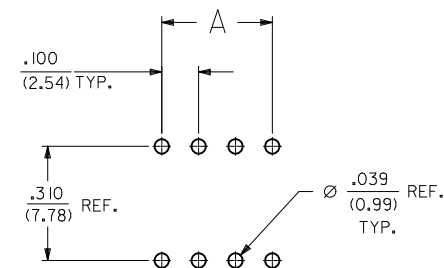


SECTION C-C



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

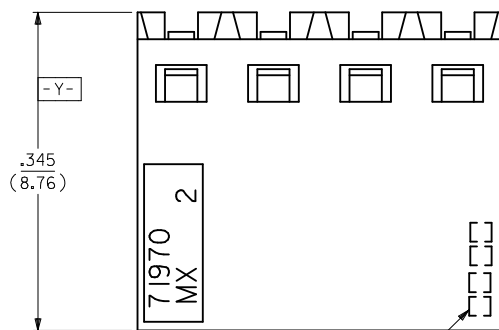
10 9 8 7 6 5 4 3 2 1

NOTES:

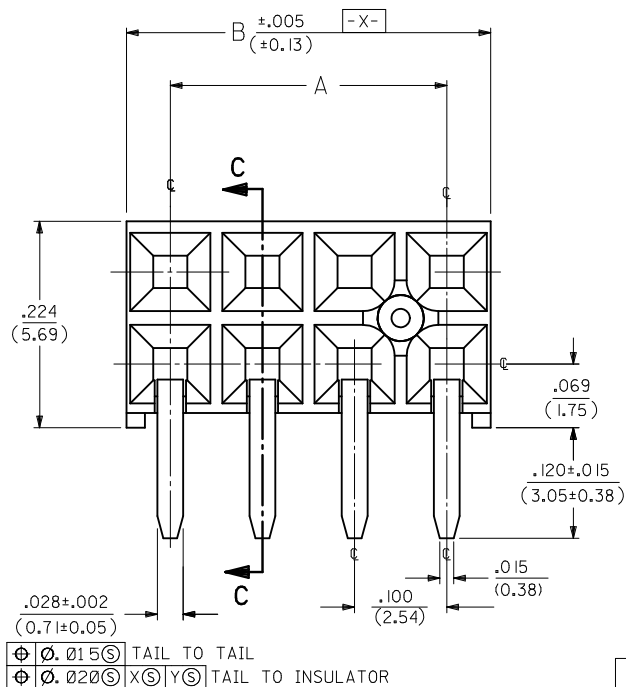
- 1.) MATERIAL -
INSULATOR - LCP, UL 94V-0, COLOR BLACK
CONTACTS - PHOSPHOR BRONZE
- 2.) SEE SHT. 13 & 14 FOR CHART DIMENSIONS AND EDP NO.'S
- 3.) RECOMMENDED MATING PIN LENGTH:
LOWER ROW - .200" MIN., .250" MAX.
UPPER ROW - .200" MIN.
- 4.) REFER TO PRODUCT SPECIFICATION PS-71973-9999 FOR PERFORMANCE 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.



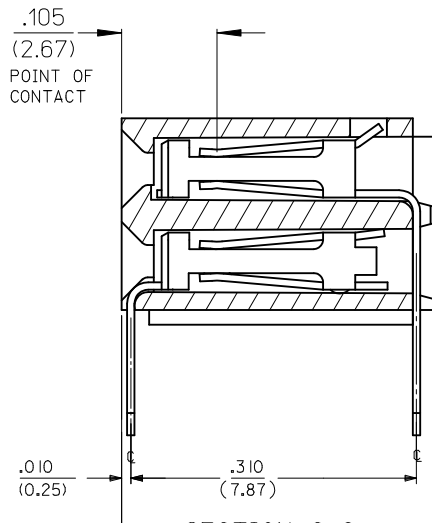
4 DIGIT DATE CODE
SEE NOTE 5



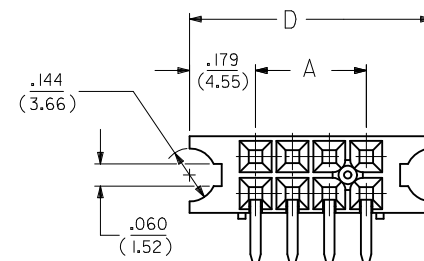
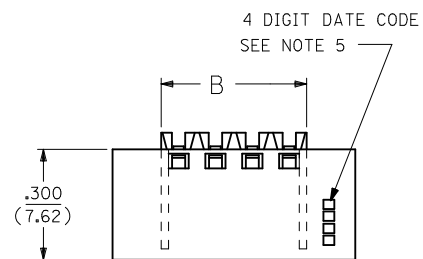
OPTION "E" ASSEMBLY
STANDARD HOUSING

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.

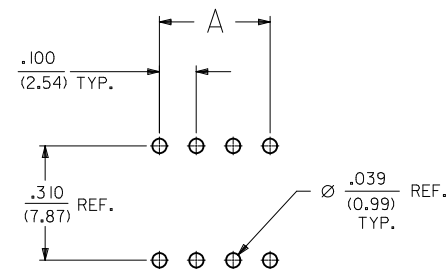


SECTION C-C



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

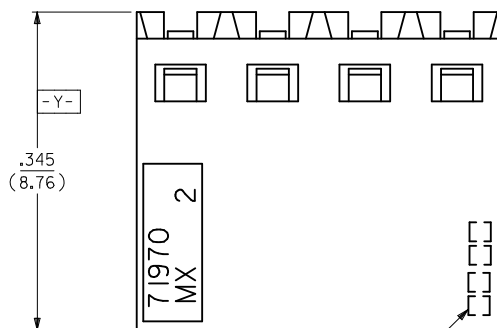
REFER TO OPT. E FOR ALL OTHER INFORMATION



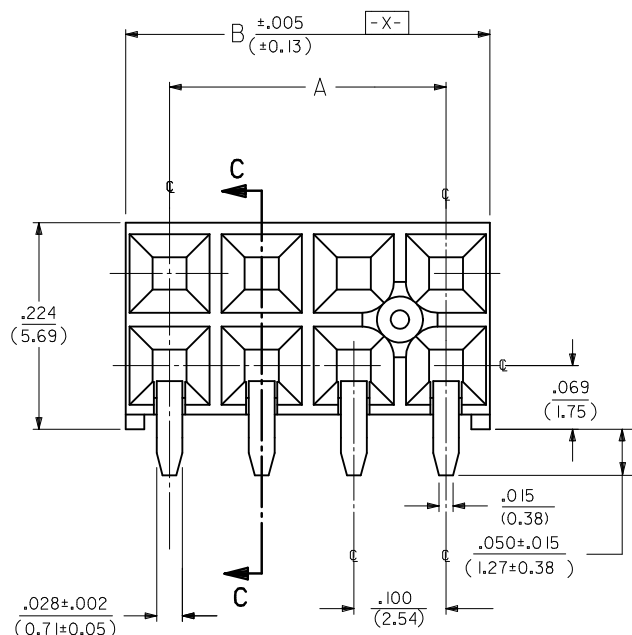
RECOMMENDED P.C.B. LAYOUT

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 EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID MOLEX INCORPORATED			
				4 PLACES	± ---	± ---	DJB				1991/10/21
				3 PLACES	± ---	± .010	CHECKED BY				DATE
				2 PLACES	± 0.25	± ---	DJB				1991/10/21
		1 PLACE	± ---	± ---	APPROVED BY	DATE	MOLEX		MOLEX INCORPORATED		
		ANGULAR ±1/2°		MLONG		2010/01/14	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								

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

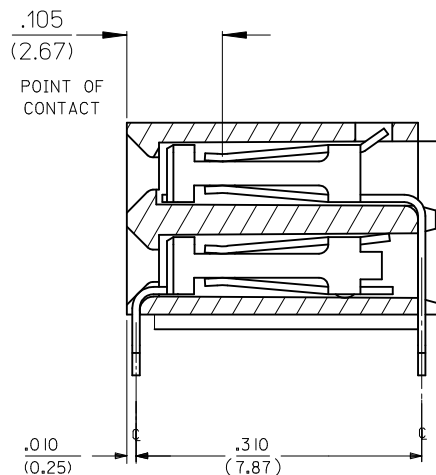
NOTE FOR LEAD FREE CONVERSION:

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.

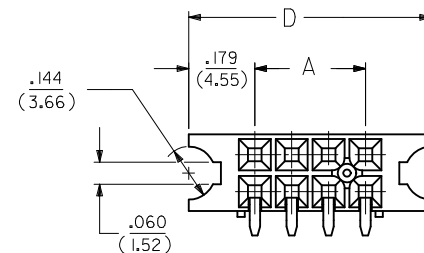
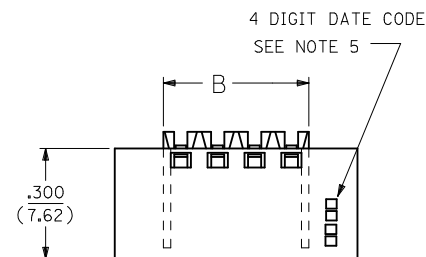
- NOTES:**
- 1.) MATERIAL -
INSULATOR - LCP, UL 94V-0, COLOR BLACK
CONTACTS - PHOSPHOR BRONZE
 - 2.) SEE SHT. 17 & 18 FOR CHART DIMENSIONS AND EDP NO.'S
 - 3.) RECOMMENDED MATING PIN LENGTH:
LOWER ROW - .200" MIN., .250" MAX.
UPPER ROW - .200" MIN.
 - 4.) REFER TO PRODUCT SPECIFICATION PS-71973-9999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

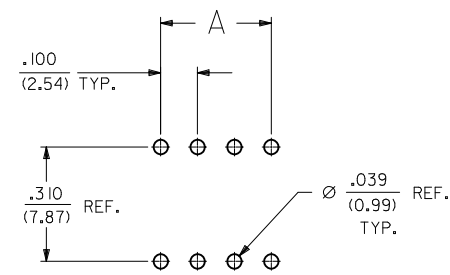


SECTION C-C



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

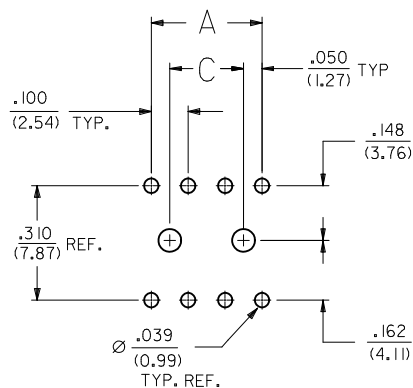
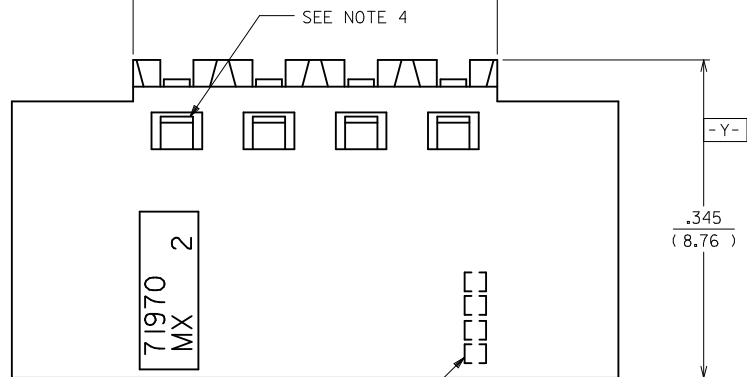
REFER TO OPT. G FOR ALL OTHER INFORMATION



RECOMMENDED P.C.B. LAYOUT

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 FA=0 FE=0 FP=0	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		
			4 PLACES	± ---	± ---	CHECKED BY DJB	DATE 1991/10/21			
			3 PLACES	± ---	± .010	APPROVED BY MLONG	DATE 2010/01/14			
			2 PLACES	± 0.25	± ---	MATERIAL NO.	DOCUMENT NO.			SHEET NO. 4 OF 26
			1 PLACE	± ---	± ---	SEE TABLE	SDA-71973-****			
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			

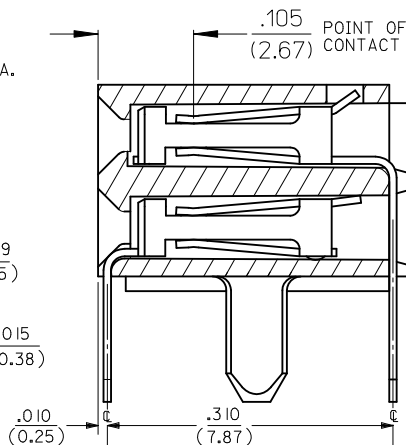
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RECOMMENDED P.C.B.
LAYOUT

SCALE 4:1

SECTION D-D



NOTES:

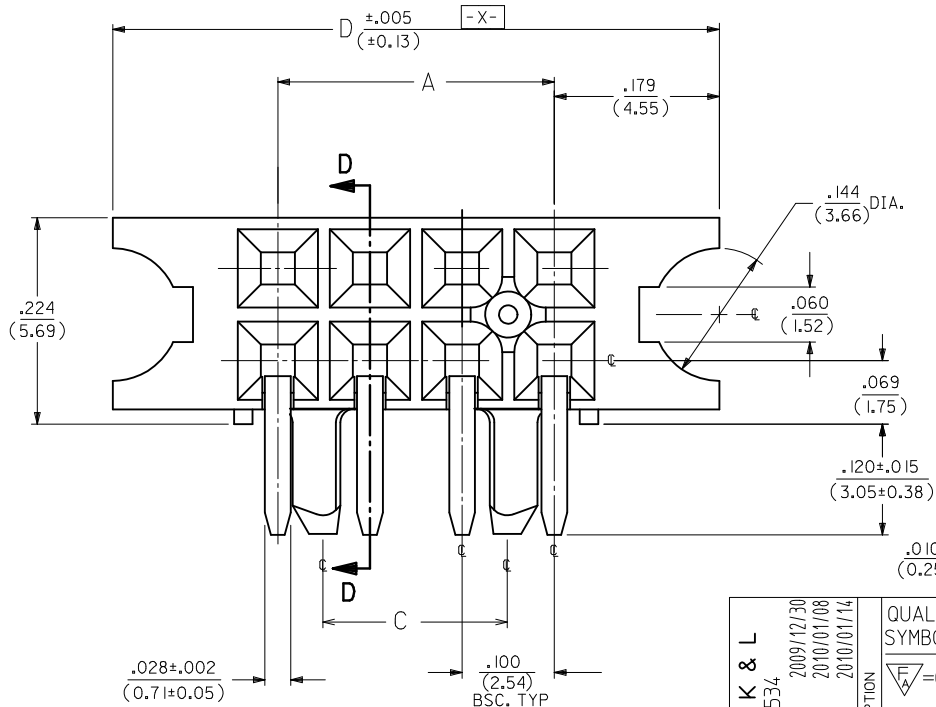
- 1.) MATERIAL -
INSULATOR - LCP, UL 94V-0, COLOR BLACK
CONTACTS - PHOSPHOR BRONZE
- 2.) SEE SHT. 22 FOR CHART DIMENSIONS AND ITEM NO.'S
- 3.) RECOMMENDED MATING PIN LENGTH:
LOWER ROW - .200" MINIMUM, .285" MAX.
UPPER ROW - .200" MINIMUM
- 4.) REFER TO PRODUCT SPECIFICATION PS-71973-9999 FOR PERFORMANCE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

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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.



.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

ADD OPTION K & L	
EC NO: S2010-0534	2009/12/30
DRWN:SKANG	2010/01/08
CHKD:ATSEE	2010/01/14
APPR:MLONG	2010/01/14
DESCRIPTION	REV
QUALITY SYMBOLS	REV
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

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		

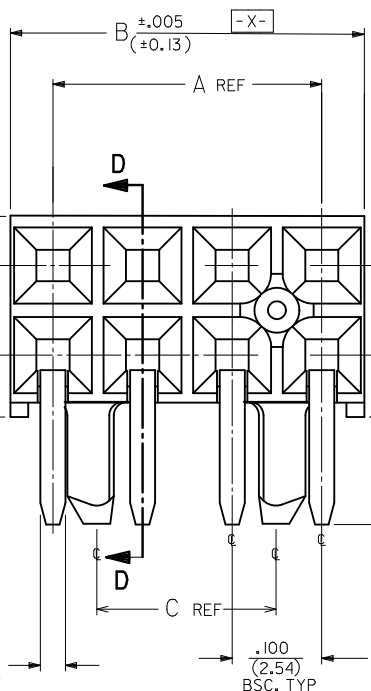
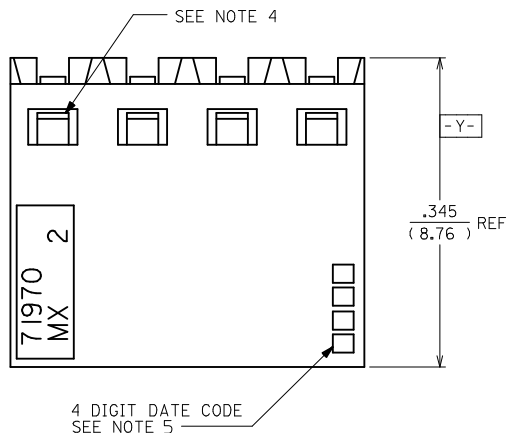
9 8 7 6 5 4 3 2 1

FINISHES

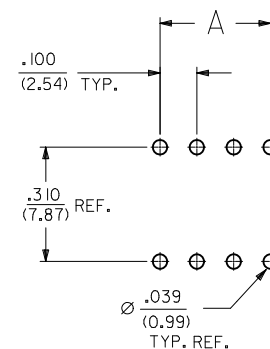
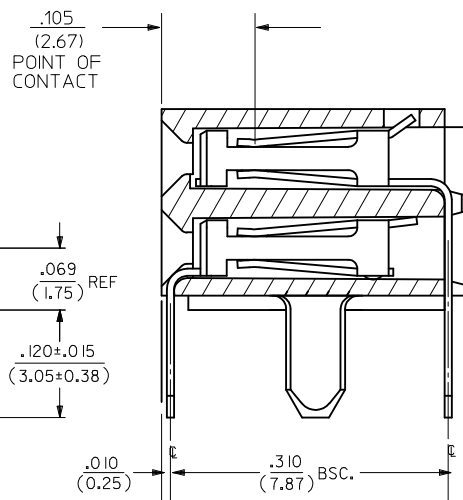
- 15 GOLD .000015 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000075 MINIMUM TIN PLATE IN SELECT AREA.
- 30 GOLD .000030 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000075 MINIMUM TIN PLATE IN SELECT AREA.
- 50 GOLD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



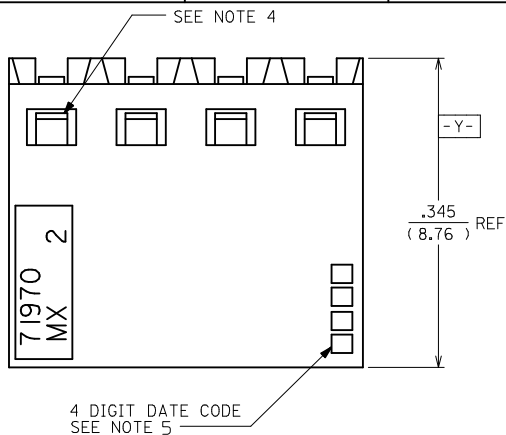
RECOMMENDED P.C.B.
LAYOUT

.028±.002
(0.71±0.05)
Ø .015 (S) TAIL TO TAIL
Ø .020 (S) X (S) Y (S) 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 K	QUALITY SYMBOLS F_A=0 F_C=0 F_P=0	DESCRIPTION REV	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 MOLEX INCORPORATED	
			4 PLACES	± ---	± ---	DJB	1991/10/21		
			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 INCORPORATED		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE TABLE		DOCUMENT NO. SDA-71973-****		SHEET NO. 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

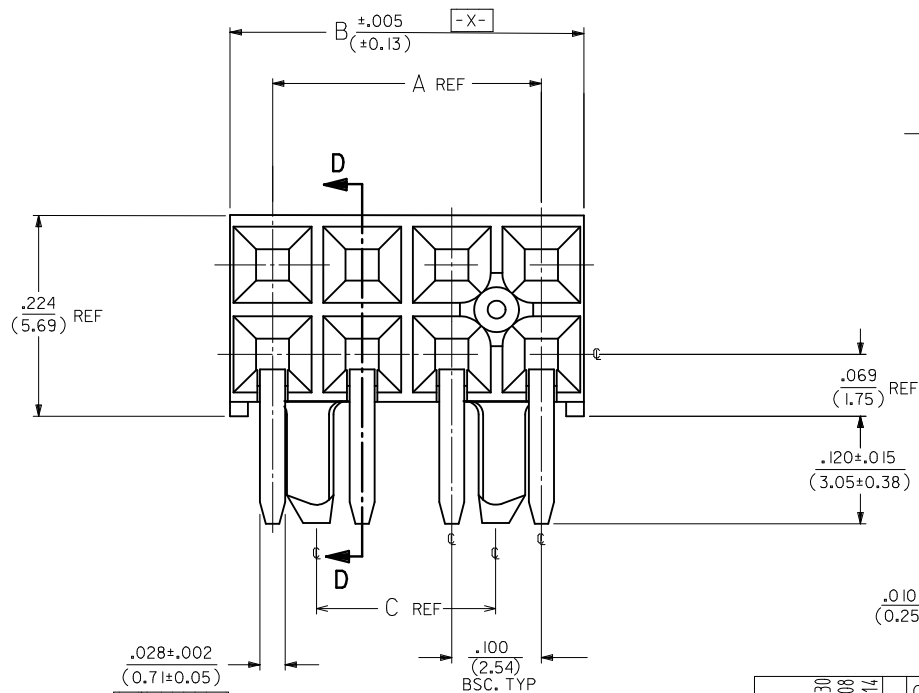
15 GOLD .000015 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000075 MINIMUM TIN PLATE IN SELECT AREA.

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

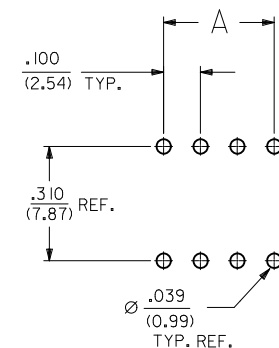
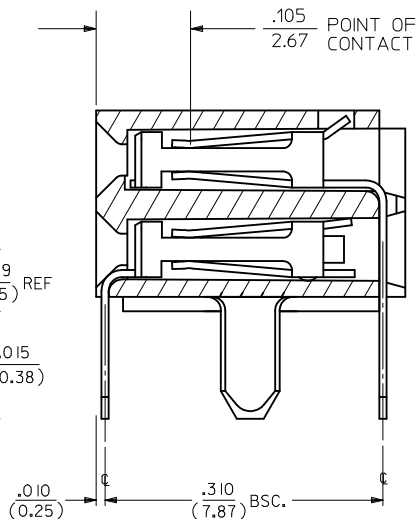
50 GOLD .000050 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000100 MINIMUM TIN PLATE IN SELECT AREA.

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

⊕ Ø.015 ⊗ TAIL TO TAIL
⊕ Ø.020 ⊗ X ⊗ Y ⊗ TAIL TO INSULATOR
(SEE NOTE 8)

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			
			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-****		7 OF 26				
K			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		
F	NO. OF CKTS		OPTION A ASSEMBLY PACKAGED IN TUBES PER PK-70873-0138 (SEE SHEET I FOR FINISH SPECIFICATIONS)						DIMENSION				NO. OF CKTS	OPTION A 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			71973-0204	71973-0304	71973-0404	.300 (7.62)	.395 (10.03)					33	66			71973-0233	71973-0333	71973-0433	3.200 (81.28)	3.295 (83.69)							
	5	10			71973-0205	71973-0305	71973-0405	.400 (10.16)	.495 (12.57)					34	68			71973-0234	71973-0334	71973-0434	3.300 (83.82)	3.395 (86.23)							
	6	12			71973-0206	71973-0306	71973-0406	.500 (12.70)	.595 (15.11)					35	70			71973-0235	71973-0335	71973-0435	3.400 (86.36)	3.495 (88.77)							
	7	14			71973-0207	71973-0307	71973-0407	.600 (15.24)	.695 (17.65)					36	72			71973-0236	71973-0336	71973-0436	3.500 (88.90)	3.595 (91.31)							
	8	16			71973-0208	71973-0308	71973-0408	.700 (17.78)	.795 (20.19)																				
	9	18			71973-0209	71973-0309	71973-0409	.800 (20.32)	.895 (22.73)																				
E	10	20			71973-0210	71973-0310	71973-0410	.900 (22.86)	.995 (25.27)																				
	11	22			71973-0211	71973-0311	71973-0411	1.000 (25.40)	1.095 (27.81)																				
	12	24			71973-0212	71973-0312	71973-0412	1.100 (27.94)	1.195 (30.35)																				
	13	26			71973-0213	71973-0313	71973-0413	1.200 (30.48)	1.295 (32.89)																				
	14	28			71973-0214	71973-0314	71973-0414	1.300 (33.02)	1.395 (35.43)																				
	15	30			71973-0215	71973-0315	71973-0415	1.400 (35.56)	1.495 (37.97)																				
	16	32			71973-0216	71973-0316	71973-0416	1.500 (38.10)	1.595 (40.51)																				
D	17	34			71973-0217	71973-0317	71973-0417	1.600 (40.64)	1.695 (43.05)																				
	18	36			71973-0218	71973-0318	71973-0418	1.700 (43.18)	1.795 (45.59)																				
	19	38			71973-0219	71973-0319	71973-0419	1.800 (45.72)	1.895 (48.13)																				
	20	40			71973-0220	71973-0320	71973-0420	1.900 (48.26)	1.995 (50.67)																				
	21	42			71973-0221	71973-0321	71973-0421	2.000 (50.80)	2.095 (53.21)																				
	22	44			71973-0222	71973-0322	71973-0422	2.100 (53.34)	2.195 (55.75)																				
	23	46			71973-0223	71973-0323	71973-0423	2.200 (55.88)	2.295 (58.29)																				
C	24	48			71973-0224	71973-0324	71973-0424	2.300 (58.42)	2.395 (60.83)																				
	25	50			71973-0225	71973-0325	71973-0425	2.400 (60.96)	2.495 (63.37)																				
	26	52			71973-0226	71973-0326	71973-0426	2.500 (63.50)	2.595 (65.91)																				
	27	54			71973-0227	71973-0327	71973-0427	2.600 (66.04)	2.695 (68.45)																				
	28	56			71973-0228	71973-0328	71973-0428	2.700 (68.58)	2.795 (70.99)																				
	29	58			71973-0229	71973-0329	71973-0429	2.800 (71.12)	2.895 (73.53)																				
	30	60			71973-0230	71973-0330	71973-0430	2.900 (73.66)	2.995 (76.07)																				
B	31	62			71973-0231	71973-0331	71973-0431	3.000 (76.20)	3.095 (78.61)																				
	32	64			71973-0232	71973-0332	71973-0432	3.100 (78.74)	3.195 (81.15)																				
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 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		DOCUMENT NO. SDA-71973-****										
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS												MATERIAL NO. SEE TABLE		SHEET NO. 8 OF 26															
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 B ASSEMBLY PACKAGED IN TUBES PER PK-70873-0139 (SEE SHEET I FOR PLATING SPECIFICATIONS)						DIMENSION				NO. OF CKTS		OPTION B ASSEMBLY PACKAGED IN TUBES PER PK-70873-0139 (SEE SHEET I FOR PLATING SPECIFICATIONS)						DIMENSION			
PER ROW	TOTAL		OPT. J ASSY 15 GOLD	15 GOLD	30 GOLD	50 GOLD	A	B		D	PER ROW	TOTAL		OPT. J ASSY 15 GOLD	15 GOLD	30 GOLD	50 GOLD	A	B		D		
4	8			71973-1004	71973-1104	71973-1204	.300 (7.62)	.395 (10.03)		.658 (16.71)	33	66			71973-1033	71973-1133	71973-1233	3.200 (81.28)	3.295 (83.69)		3.558 (90.37)		
5	10			71973-1005	71973-1105	71973-1205	.400 (10.16)	.495 (12.57)		.758 (19.25)	34	68			71973-1034	71973-1134	71973-1234	3.300 (83.82)	3.395 (86.23)		3.658 (92.91)		
6	12			71973-1006	71973-1106	71973-1206	.500 (12.70)	.595 (15.11)		.858 (21.79)	35	70			71973-1035	71973-1135	71973-1235	3.400 (86.36)	3.495 (88.77)		3.758 (95.45)		
7	14			71973-1007	71973-1107	71973-1207	.600 (15.24)	.695 (17.65)		.958 (24.33)	36	72			71973-1036	71973-1136	71973-1236	3.500 (88.90)	3.595 (91.31)		3.858 (97.99)		
8	16			71973-1008	71973-1108	71973-1208	.700 (17.78)	.795 (20.19)		1.058 (26.87)													
9	18			71973-1009	71973-1109	71973-1209	.800 (20.32)	.895 (22.73)		1.158 (29.41)													
10	20			71973-1010	71973-1110	71973-1210	.900 (22.86)	.995 (25.27)		1.258 (31.95)													
11	22			71973-1011	71973-1111	71973-1211	1.000 (25.40)	1.095 (27.81)		1.358 (34.49)													
12	24			71973-1012	71973-1112	71973-1212	1.100 (27.94)	1.195 (30.35)		1.458 (37.03)													
13	26			71973-1013	71973-1113	71973-1213	1.200 (30.48)	1.295 (32.89)		1.558 (39.57)													
14	28			71973-1014	71973-1114	71973-1214	1.300 (33.02)	1.395 (35.43)		1.658 (42.11)													
15	30		71973-1315	71973-1015	71973-1115	71973-1215	1.400 (35.56)	1.495 (37.97)		1.758 (44.65)													
16	32			71973-1016	71973-1116	71973-1216	1.500 (38.10)	1.595 (40.51)		1.858 (47.19)													
17	34			71973-1017	71973-1117	71973-1217	1.600 (40.64)	1.695 (43.05)		1.958 (49.73)													
18	36			71973-1018	71973-1118	71973-1218	1.700 (43.18)	1.795 (45.59)		2.058 (52.27)													
19	38			71973-1019	71973-1119	71973-1219	1.800 (45.72)	1.895 (48.13)		2.158 (54.81)													
20	40		71973-1320	71973-1020	71973-1120	71973-1220	1.900 (48.26)	1.995 (50.67)		2.258 (57.35)													
21	42			71973-1021	71973-1121	71973-1221	2.000 (50.80)	2.095 (53.21)		2.358 (59.89)													
22	44			71973-1022	71973-1122	71973-1222	2.100 (53.34)	2.195 (55.75)		2.458 (62.43)													
23	46			71973-1023	71973-1123	71973-1223	2.200 (55.88)	2.295 (58.29)		2.558 (64.97)													
24	48			71973-1024	71973-1124	71973-1224	2.300 (58.42)	2.395 (60.83)		2.658 (67.51)													
25	50			71973-1025	71973-1125	71973-1225	2.400 (60.96)	2.495 (63.37)		2.758 (70.05)													
26	52			71973-1026	71973-1126	71973-1226	2.500 (63.50)	2.595 (65.91)		2.858 (72.59)													
27	54			71973-1027	71973-1127	71973-1227	2.600 (66.04)	2.695 (68.45)		2.958 (75.13)													
28	56			71973-1028	71973-1128	71973-1228	2.700 (68.58)	2.795 (70.99)		3.058 (77.67)													
29	58			71973-1029	71973-1129	71973-1229	2.800 (71.12)	2.895 (73.53)		3.158 (80.21)													
30	60			71973-1030	71973-1130	71973-1230	2.900 (73.66)	2.995 (76.07)		3.258 (82.75)													
31	62			71973-1031	71973-1131	71973-1231	3.000 (76.20)	3.095 (78.61)		3.358 (85.29)													
32	64			71973-1032	71973-1132	71973-1232	3.100 (78.74)	3.195 (81.15)		3.458 (87.83)													
OPTION "J" IS THE SAME AS "B" EXCEPT DATE CODE IS NOT STAMPED ON HOUSING.							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 _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						
													3 PLACES ± --- ± .010		CHECKED BY DATE		.120"PC TAIL W/O LOWER						
2 PLACES ± 0.25 ± ---		DJB 1991/10/21		ROW PINSTOP-.100" GRID																			
1 PLACE ± --- ± ---		APPROVED BY DATE		MOLEX INCORPORATED																			
ANGULAR ± 1/2°		MLONG 2010/01/14		MATERIAL NO.		DOCUMENT NO.		SHEET 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																	

fb_frame_A3_P_AM.T Rev. F 2009/06/18	9	8	7	6	5	4	3	2	1
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tb_frame_A3_P_AM_T
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 DJB	DATE 1991/10/21	TITLE EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID									
										DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPROVED BY MLONG		DATE 2010/01/14	MOLEX INCORPORATED								
									MATERIAL NO.		DOCUMENT NO.		SHEET NO.										
									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
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Rev. F 2009/06/18

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)														

A	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) 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. 15 OF 26
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE TABLE	MATERIAL NO.	DOCUMENT NO.				
			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	
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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 DESCRIPTION REV				QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE NTS		DESIGN UNITS INCH		THIRD ANGLE PROJECTION		
											F=0 F=0 F=0		4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± --- 1 PLACE ± --- ± --- ANGULAR ±1/2°		DRAWN BY DATE DJB 1991/10/21 CHECKED BY DATE DJB 1991/10/21 APPROVED BY DATE MLONG 2010/01/14		TITLE EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID		molex MOLEX INCORPORATED				
											DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3		MATERIAL NO. SEE TABLE		DOCUMENT NO. SDA-71973-****		SHEET NO. 16 OF 26				
tb_frame_A3_P_AM_T Rev. F 2009/06/18		9		8		7		6		5		4		3		2		1					

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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 CHKD:ATSEE APPR:MLONG		2009/12/30 2010/01/08 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		
													mm		DATE		TITLE						
													INCH		DATE		TITLE						
													DATE		DATE		DATE						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS												SEE TABLE		DOCUMENT NO.		SDA-71973-****		SHEET NO. 18 OF 26					
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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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)																																																																															
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										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)																																																																															
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"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																																																																					
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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				F				
	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)																
B	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)																
	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.

A	"X" INDICATES TOOLING IS NOT AVAILABLE.																																
	ADD OPTION K & L				EC NO: S2010-0534				2009/12/30		2010/01/08		2010/01/14		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)				DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION		A				
	K				DRWN:SKANG CHKD:ATSEE APPR:MLONG				DESCRIPTION		$\nabla_A=0$ $\nabla_C=0$ $\nabla_P=0$		4 PLACES 3 PLACES 2 PLACES 1 PLACE				mm INCH		DRAWN BY		DATE		TITLE		EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID		MOLEX INCORPORATED			SDA-71973-****		21 OF 26	
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	K												DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SEE TABLE				SIZE		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 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				I5 GOLD	30 GOLD	50 GOLD	A	B			D	PER ROW	TOTAL				I5 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)													
	9	18			X	71973-9409	X 71973-9509	X 71973-9609	.800 (20.32)	.895 (22.73)		1.158 (29.41)													
E	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)													
	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)													
D	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)													
	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)													
C	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)													
	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)													
B	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)													
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 _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 DJB 1991/10/21		TITLE EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID					
														mm		INCH		CHECKED BY DATE DJB 1991/10/21		MOLEX INCORPORATED					
														mm		INCH		APPROVED BY DATE MLONG 2010/01/14		MATERIAL NO. SEE TABLE				DOCUMENT NO. 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									
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 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				I5 GOLD		30 GOLD		50 GOLD		A		B		C		D		PER ROW		TOTAL				I5 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)																										
D	16	32					71973-9716	71973-9816	71973-9916	1.500 (38.10)	1.595 (40.51)	1.400 (35.56)	1.858 (47.19)																										
	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)																										
C	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)																										
	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)																										
B	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)																										
	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)																										
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=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 SDA-71973-**** SHEET NO. 24 OF 26							
																DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SEE TABLE				MATERIAL NO.				DOCUMENT NO.											
																				SIZE A3				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 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 ▽A=0 ▽B=0 ▽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			
										K		REV		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE TABLE		DOCUMENT NO. SDA-71973-****		SHEET NO. 25 OF 26		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
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F	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						F																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
	PER ROW	TOTAL									A	B											A	B																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				

