

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0719730205](#)
Status: **Active**
Overview: [cgrid_sl_products](#)
Description: 2.54mm (.100") Pitch C-Grid® PCB Connector, Dual Row, Right Angle, Early Entry Receptacle, without Flange, 10 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

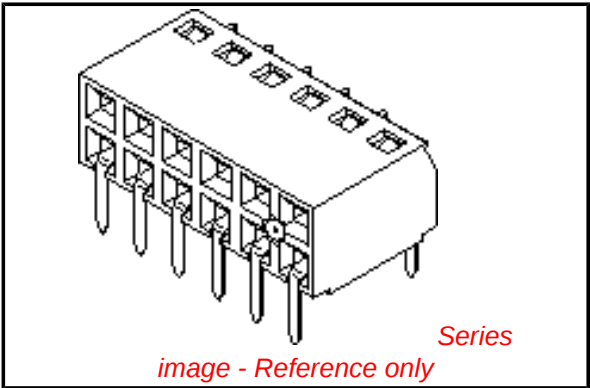
Circuits (Loaded) 10
Color - Resin Black
Durability (mating cycles max) 50
Flammability 94V-0
Glow-Wire Compliant No
Material - Metal Phosphor Bronze
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin High Temperature Thermoplastic
Number of Rows 2
Orientation Right Angle
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) 15
Plating min: Mating (µm) 0.38
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

Product Specification	PS-71973-9999
Sales Drawing	SDA-71973-****

This document was generated on 05/28/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

10 9 8 7 6 5 4 3 2 1

NOTES:

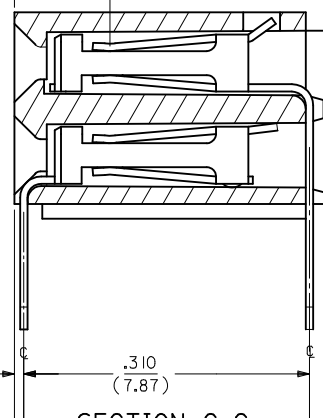
- 1.) MATERIAL -
INSULATOR - LCP, UL 94V-0, COLOR BLACK
CONTACTS - PHOSPHOR BRONZE
- 2.) SEE SHT. 5 & 6 FOR CHART DIMENSIONS AND EDP NO.'S
- 3.) RECOMMENDED MATING PIN LENGTH:
LOWER ROW - .200" MIN., .285" MAX.
UPPER ROW - .200" MIN.
- 4.) REFER TO PRODUCT SPECIFICATION PS-71973-9999 FOR PERFORMANCE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

FINISHES

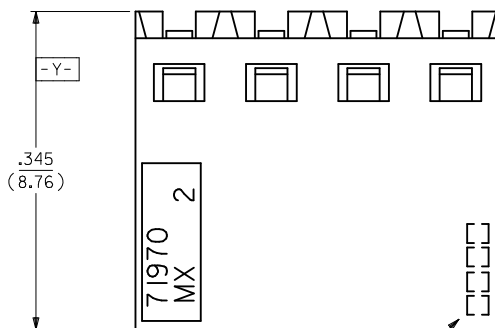
- 15 GOLD .000015 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000075 MINIMUM TIN PLATE IN SELECT AREA.
- 30 GOLD .000030 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000075 MINIMUM TIN PLATE IN SELECT AREA.
- 50 GOLD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

.105
(2.67)

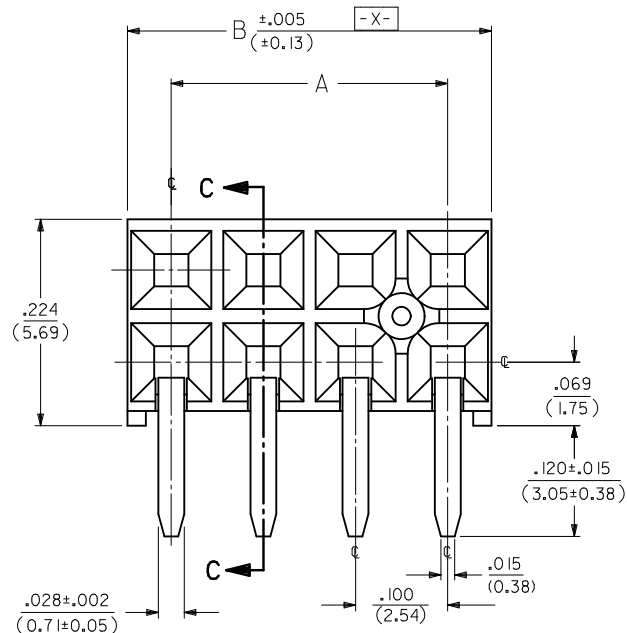
POINT OF
CONTACT



SECTION C-C



4 DIGIT DATE CODE
SEE NOTE 5

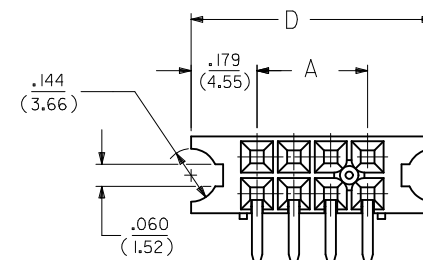
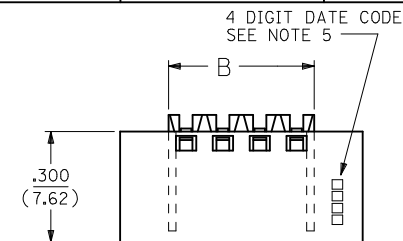


- ⊕ Ø.015(5) TAIL TO TAIL
⊕ Ø.020(5) X(5) Y(5) TAIL TO INSULATOR

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.



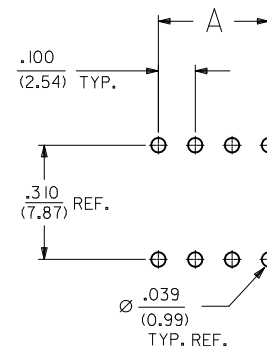
OPTION "B" ASSEMBLY
STD. HOUSING W/MOUNTING EARS

SCALE 4:1

REFER TO OPT. A FOR ALL OTHER INFORMATION

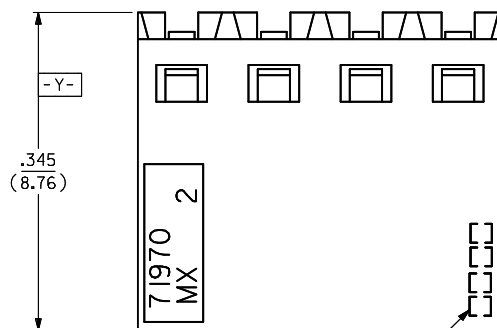
OPTION "J" ASSEMBLY

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

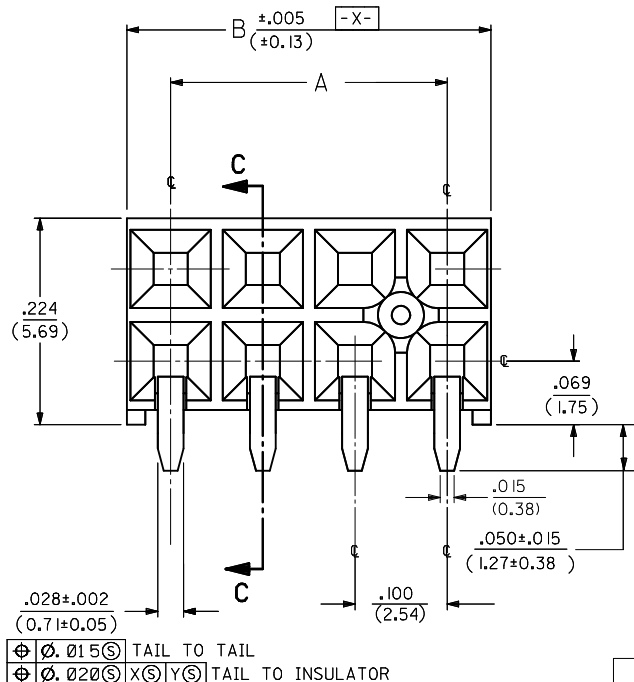


RECOMMENDED P.C.B.
LAYOUT

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		SCALE NTS	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION		
						IN/MM						
				DESCRIPTION	 =0  =0  =0	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											
ANGULAR ±1/2°		MLONG 2010/01/14		DOCUMENT NO.			SHEET NO.					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				MATERIAL NO. SEE TABLE		SDA-71973-****			1 OF 26			
REV				SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						



4 DIGIT DATE CODE
SEE NOTE 5



OPTION "C" 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.

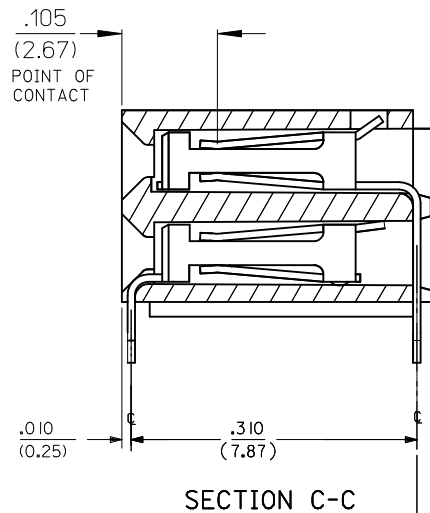
tb_frame_A3_P_AM_T
Rev. F 2009/06/18

NOTES:

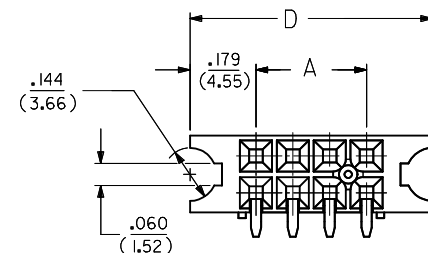
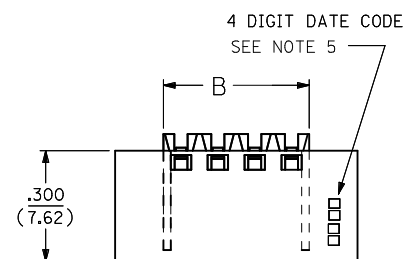
- 1.) MATERIAL-
INSULATOR - LCP, UL 94V-0, COLOR BLACK
CONTACTS - PHOSPHOR BRONZE
- 2.) SEE SHT. 9 & 10 FOR CHART DIMENSIONS AND EDP NO.'S
- 3.) RECOMMENDED MATING PIN LENGTH:
LOWER ROW - .200" MIN., .285" MAX.
UPPER ROW - .200" MIN.
- 4.) REFER TO PRODUCT SPECIFICATION PS-71973-9999 FOR
PERFORMANCE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

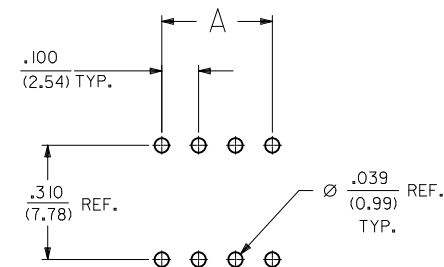


SECTION C-C



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							

tb_frame_A3_P_AM_T
Rev. F 2009/06/18

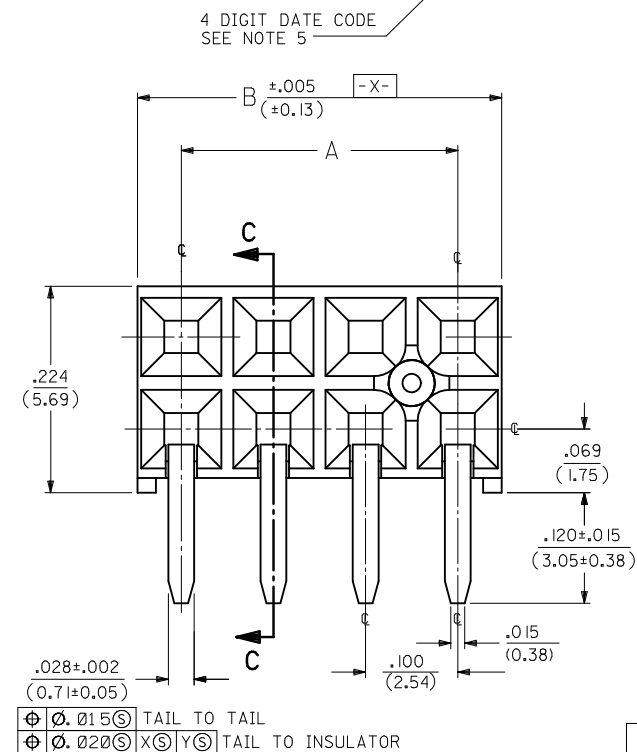
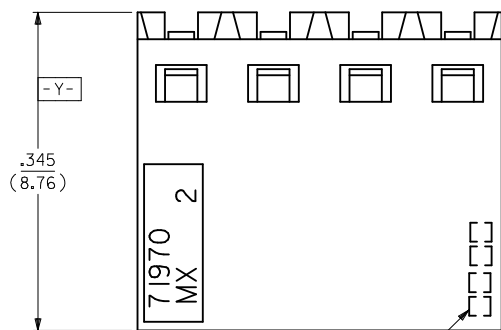
10 9 8 7 6 5 4 3 2 1

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

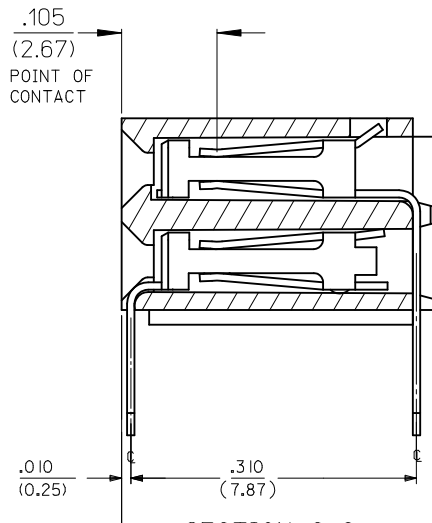
- 15 GOLD .000015 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000075 MINIMUM TIN PLATE IN SELECT AREA.
- 30 GOLD .000030 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000075 MINIMUM TIN PLATE IN SELECT AREA.
- 50 GOLD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



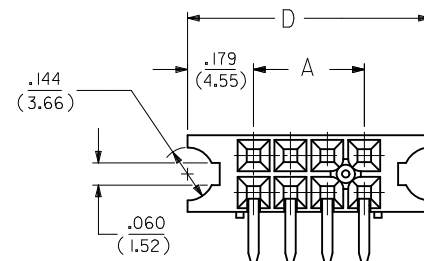
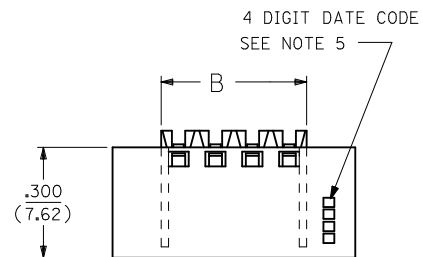
OPTION "E" ASSEMBLY
STANDARD HOUSING

NOTE FOR LEAD FREE CONVERSION:

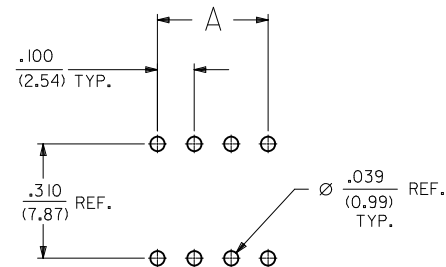
THE PRIMARY SHIPPING CARTON WILL BE
LABELED "COMPLIANT TO ROHS DIRECTIVE
2002/95/EC AND ELV ANNEX II OF
DIRECTIVE 2000/53/EC". CARTONS WITHOUT
THIS LABEL MAY CONTAIN PRODUCT WITH
LEAD.



SECTION C-C



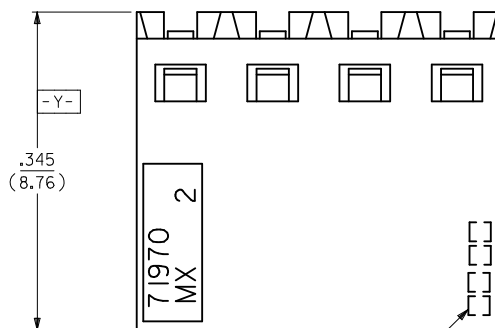
OPTION "F" ASSEMBLY
STD. HOUSING W/MOUNTING EARS
AND LOWER ROW PINSTOP
SCALE 4:1
REFER TO OPT. E FOR ALL OTHER INFORMATION



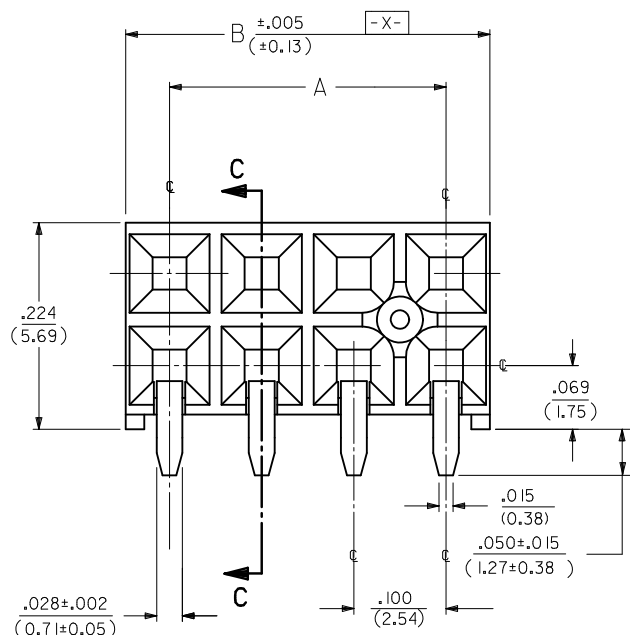
RECOMMENDED P.C.B. LAYOUT

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

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

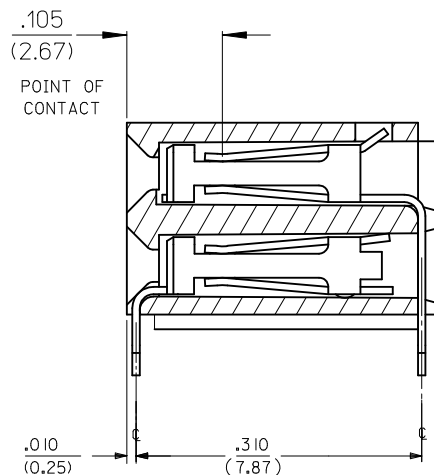
NOTE FOR LEAD FREE CONVERSION:

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.

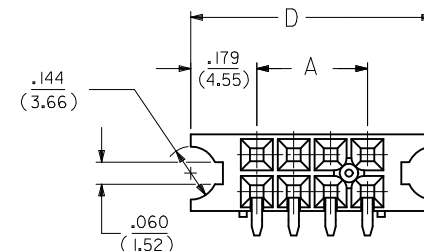
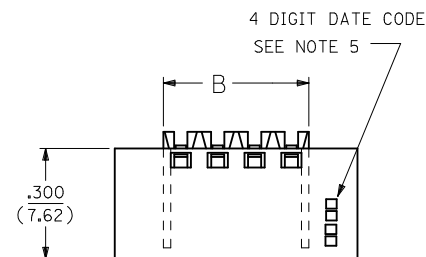
- NOTES:**
- 1.) MATERIAL -
INSULATOR - LCP, UL 94V-0, COLOR BLACK
CONTACTS - PHOSPHOR BRONZE
 - 2.) SEE SHT. 17 & 18 FOR CHART DIMENSIONS AND EDP NO.'S
 - 3.) RECOMMENDED MATING PIN LENGTH:
LOWER ROW - .200" MIN., .250" MAX.
UPPER ROW - .200" MIN.
 - 4.) REFER TO PRODUCT SPECIFICATION PS-71973-9999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

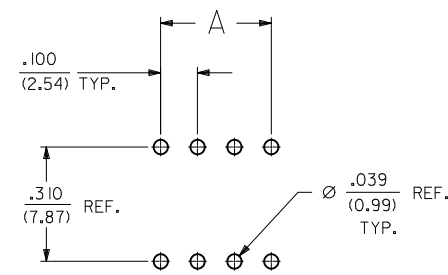


SECTION C-C



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

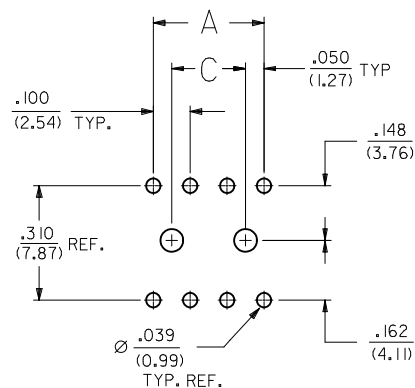
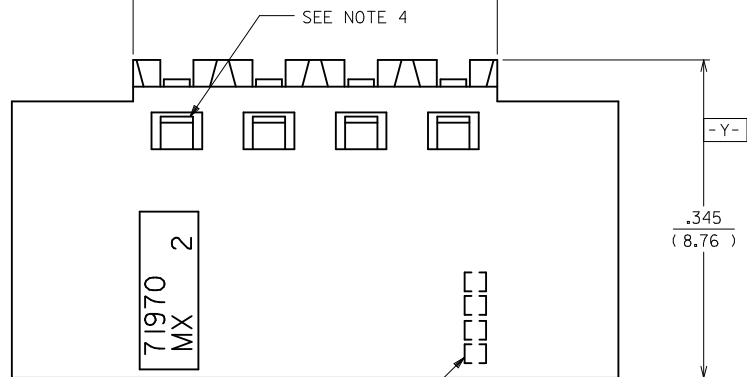
REFER TO OPT. G FOR ALL OTHER INFORMATION



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 ± --- ± ---	3 PLACES ± --- ± .010	CHECKED BY DJB	DATE 1991/10/21			
			2 PLACES ± 0.25 ± ---	1 PLACE ± --- ± ---	APPROVED BY MLONG	DATE 2010/01/14	MOLEX MOLEX INCORPORATED		
			ANGULAR ±1/2°		MATERIAL NO.				
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SDA-71973-****		
K	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

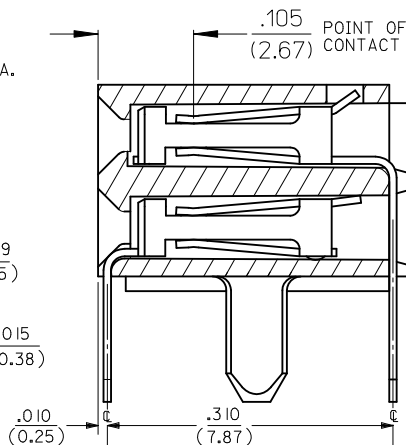
10 9 8 7 6 5 4 3 2 1



RECOMMENDED P.C.B.
LAYOUT

SCALE 4:1

SECTION D-D



NOTES:

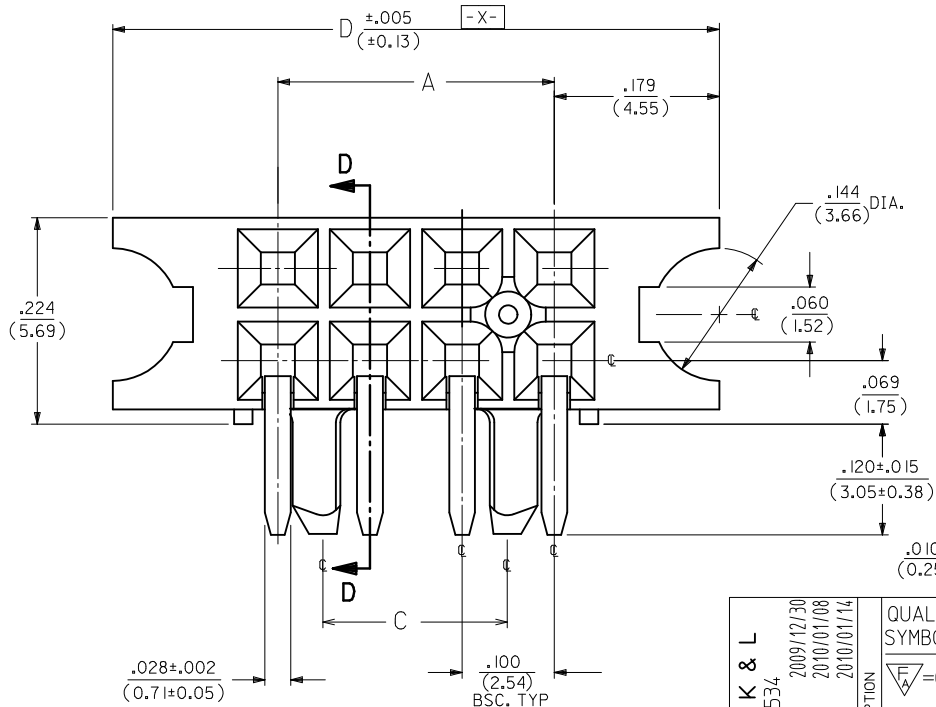
- 1.) MATERIAL -
INSULATOR - LCP, UL 94V-0, COLOR BLACK
CONTACTS - PHOSPHOR BRONZE
- 2.) SEE SHT. 22 FOR CHART DIMENSIONS AND ITEM NO.'S
- 3.) RECOMMENDED MATING PIN LENGTH:
LOWER ROW - .200" MINIMUM, .285" MAX.
UPPER ROW - .200" MINIMUM
- 4.) REFER TO PRODUCT SPECIFICATION PS-71973-9999 FOR PERFORMANCE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



OPTION "I" ASSEMBLY
STANDARD HOUSING W/ PEGS AND MOUNTING EARS

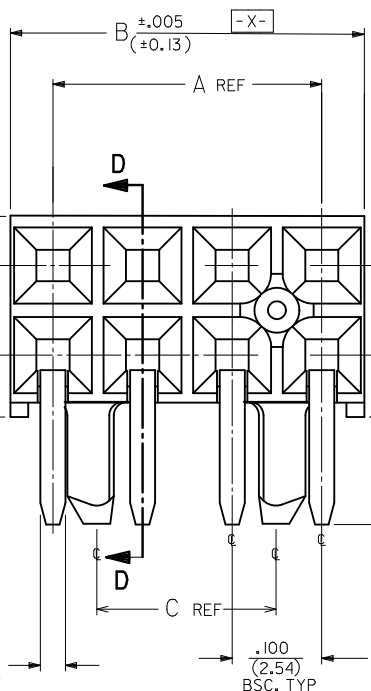
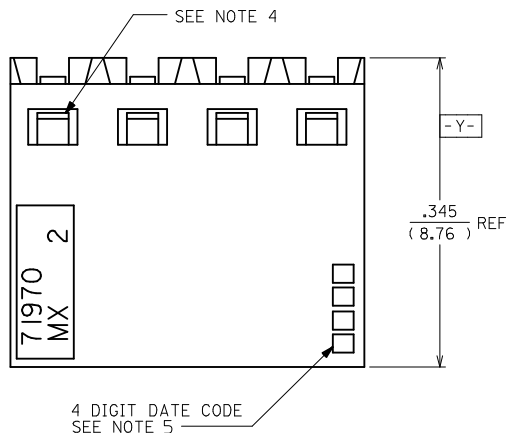
ADD OPTION K & L EC NO: S2010-0534 DRWN:SKANG CHKD:ATSEE APPR:MLONG 2009/12/30 2010/01/08 2010/01/14	QUALITY SYMBOLS FA=0 FC=0 FP=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE NTS	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
			mm	INCH	DRAWN BY	DATE	TITLE EARLY ENTRY R/A 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	MOLEX MOLEX INCORPORATED			
1 PLACE ± --- ± ---	APPROVED BY	DATE							
ANGULAR ±1/2°		MLONG	2010/01/14	DOCUMENT NO.		SHEET NO.			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SDA-71973-****		5 OF 26			
K	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

FINISHES

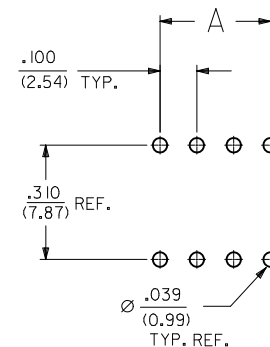
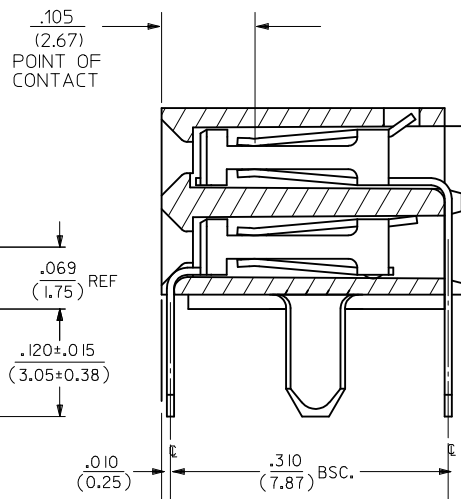
- 15 GOLD .000015 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000075 MINIMUM TIN PLATE IN SELECT AREA.
- 30 GOLD .000030 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000075 MINIMUM TIN PLATE IN SELECT AREA.
- 50 GOLD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



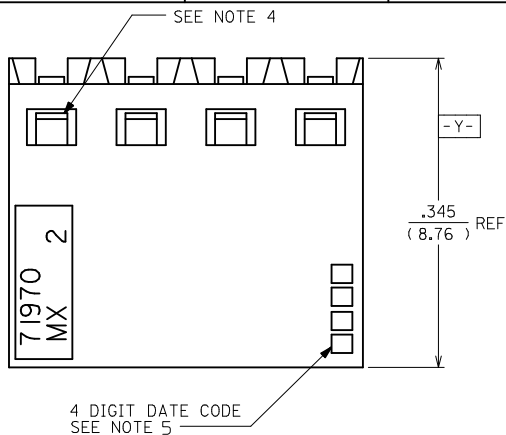
RECOMMENDED P.C.B.
LAYOUT

.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	DESCRIPTION	QUALITY SYMBOLS FA=0 FC=0 FP=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		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
			mm	INCH	DRAWN BY DJB	DATE 1991/10/21				
			4 PLACES ± --- ± ---	CHECKED BY DJB	DATE 1991/10/21					
			3 PLACES ± --- ± .010	APPROVED BY MLONG	DATE 2010/01/14					
			2 PLACES ± 0.25 ± ---							
K	REV		1 PLACE ± --- ± ---	ANGULAR ± 1/2°		MATERIAL NO.		DOCUMENT NO.		SHEET NO.
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		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

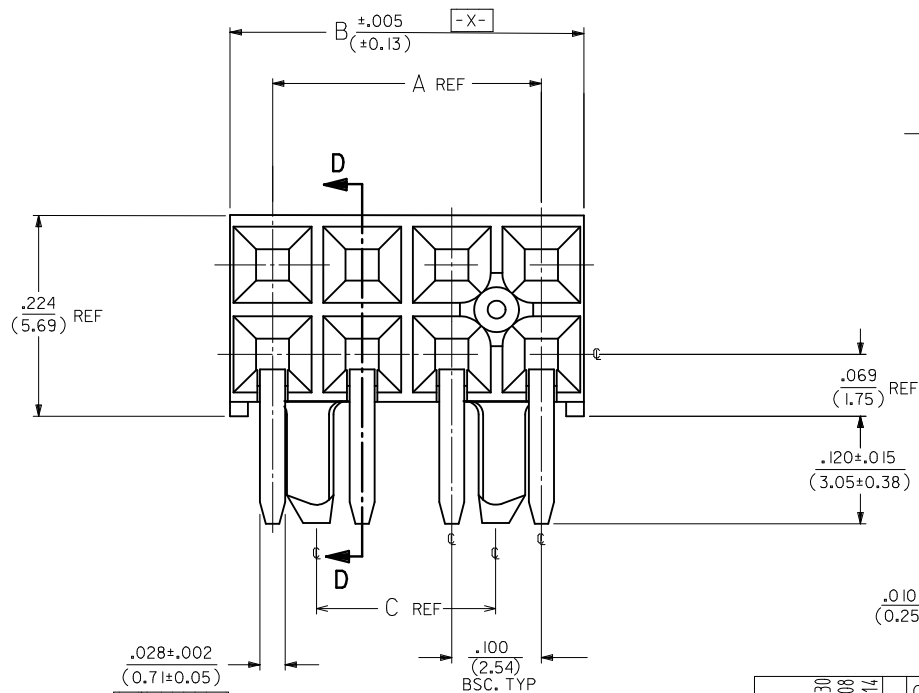
15 GOLD .000015 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000075 MINIMUM TIN PLATE IN SELECT AREA.

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

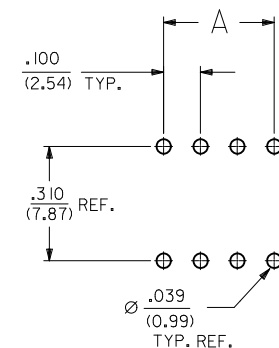
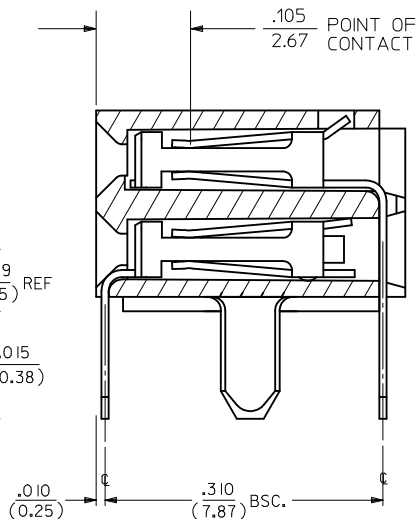
50 GOLD .000050 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000100 MINIMUM TIN PLATE IN SELECT AREA.

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 K	DESCRIPTION REV	QUALITY SYMBOLS F _A =0 F _C =0 F _P =0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE NTS	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
				mm	INCH	DRAWN BY DJB	DATE 1991/10/21	TITLE EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID	MOLEX MOLEX INCORPORATED	SHEET NO. 7 OF 26
			4 PLACES	± ---	± ---	CHECKED BY DJB	DATE 1991/10/21			
			3 PLACES	± ---	± .010					
			2 PLACES	± 0.25	± ---					
			1 PLACE	± ---	± ---	APPROVED BY MLONG	DATE 2010/01/14			
			ANGULAR ±1/2°		MATERIAL NO.	DOCUMENT NO.				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SDA-71973-****						
		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				F																
	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)																	
E	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)																	
D	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)																												
	10	20			71973-0210	71973-0310	71973-0410	.900 (22.86)	.995 (25.27)																												
C	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)																												
B	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)																												
A	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)																												
	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)																												
	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)																												
																				K	ADD OPTION K & L EC NO: S2010-0534 DRWN:SKANG 2009/12/30 CHKD:ATSEE 2010/01/08 APPR:MLONG 2010/01/14	QUALITY SYMBOLS F=0 F=0 F=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± --- 1 PLACE ± --- ± --- ANGULAR ±1/2°	DIMENSION STYLE IN/MM DRAWN BY DATE DJB 1991/10/21 CHECKED BY DATE DJB 1991/10/21 APPROVED BY DATE MLONG 2010/01/14	SCALE NTS	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	TITLE EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID MOLEX INCORPORATED	SHEET NO. 8 OF 26								

ADD OPTION K & L		DESCRIPTION	QUALITY SYMBOLS
EC NO: S2010-0534			
DRWN:SKANG 2009/12/30			
CHKD:ATSEE 2010/01/08			
APPR:MLONG 2010/01/14			$\nabla_A=0$
			$\nabla_C=0$
			$\nabla_D=0$
REV			

QUALITY SYMBOLS
$F_A=0$
$F_G=0$
$F_P=0$

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°	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

DIMENSION STYLE IN/MM	
DRAWN BY	DATE
DATE	1991/10/21
CHECKED BY	DATE
DATE	1991/10/21
APPROVED BY	DATE
DATE	2010/01/14
MATERIAL NO.	
SEE TABLE	
SIZE	A3

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		
DOCUMENT NO. SDA-71973-****		SHEET NO. 8 OF 26
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

tb_frame_A3_P_AM_T
Rev. F 2009/06/18

tb_frame_A3_P_AM_T
Rev. F 2009/06/18

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 C ASSEMBLY PACKAGED IN TUBES PER PK-70873-0138 (SEE SHEET 1 FOR FINISH SPECIFICATIONS)						DIMENSION				NO. OF CKTS	OPTION C ASSEMBLY PACKAGED IN TUBES PER PK-70873-0138 (SEE SHEET 1 FOR FINISH SPECIFICATIONS)						DIMENSION				F	
	PER ROW	TOTAL			15 GOLD	30 GOLD	50 GOLD	A	B						15 GOLD	30 GOLD	50 GOLD	A	B						
	4	8			X	71973-1804	X	71973-1904	X	71973-2004	.300 (7.62)	.395 (10.03)			X	71973-1833	X	71973-1933	X	71973-2033	3.200 (81.28)	3.295 (83.69)			
	5	10			X	71973-1805	X	71973-1905	X	71973-2005	.400 (10.16)	.495 (12.57)			X	71973-1834	X	71973-1934	X	71973-2034	3.300 (83.82)	3.395 (86.23)			
	6	12			X	71973-1806	X	71973-1906	X	71973-2006	.500 (12.70)	.595 (15.11)			X	71973-1835	X	71973-1935	X	71973-2035	3.400 (86.36)	3.495 (88.77)			
	7	14			X	71973-1807	X	71973-1907	X	71973-2007	.600 (15.24)	.695 (17.65)			X	71973-1836	X	71973-1936	X	71973-2036	3.500 (88.90)	3.595 (91.31)			
	8	16			X	71973-1808	X	71973-1908	X	71973-2008	.700 (17.78)	.795 (20.19)													
	9	18			X	71973-1809	X	71973-1909	X	71973-2009	.800 (20.32)	.895 (22.73)													
E	10	20			X	71973-1810	X	71973-1910	X	71973-2010	.900 (22.86)	.995 (25.27)													
	11	22			X	71973-1811	X	71973-1911	X	71973-2011	1.000 (25.40)	1.095 (27.81)													
	12	24			X	71973-1812	X	71973-1912	X	71973-2012	1.100 (27.94)	1.195 (30.35)													
	13	26			X	71973-1813	X	71973-1913	X	71973-2013	1.200 (30.48)	1.295 (32.89)													
	14	28			X	71973-1814	X	71973-1914	X	71973-2014	1.300 (33.02)	1.395 (35.43)													
	15	30			X	71973-1815	X	71973-1915	X	71973-2015	1.400 (35.56)	1.495 (37.97)													
D	16	32			X	71973-1816	X	71973-1916	X	71973-2016	1.500 (38.10)	1.595 (40.51)													
	17	34			X	71973-1817	X	71973-1917	X	71973-2017	1.600 (40.64)	1.695 (43.05)													
	18	36			X	71973-1818	X	71973-1918	X	71973-2018	1.700 (43.18)	1.795 (45.59)													
	19	38			X	71973-1819	X	71973-1919	X	71973-2019	1.800 (45.72)	1.895 (48.13)													
	20	40			X	71973-1820	X	71973-1920	X	71973-2020	1.900 (48.26)	1.995 (50.67)													
	21	42			X	71973-1821	X	71973-1921	X	71973-2021	2.000 (50.80)	2.095 (53.21)													
	22	44			X	71973-1822	X	71973-1922	X	71973-2022	2.100 (53.34)	2.195 (55.75)													
	23	46			X	71973-1823	X	71973-1923	X	71973-2023	2.200 (55.88)	2.295 (58.29)													
C	24	48			X	71973-1824	X	71973-1924	X	71973-2024	2.300 (58.42)	2.395 (60.83)													
	25	50			X	71973-1825	X	71973-1925	X	71973-2025	2.400 (60.96)	2.495 (63.37)													
	26	52			X	71973-1826	X	71973-1926	X	71973-2026	2.500 (63.50)	2.595 (65.91)													
	27	54			X	71973-1827	X	71973-1927	X	71973-2027	2.600 (66.04)	2.695 (68.45)													
	28	56			X	71973-1828	X	71973-1928	X	71973-2028	2.700 (68.58)	2.795 (70.99)													
	29	58			X	71973-1829	X	71973-1929	X	71973-2029	2.800 (71.12)	2.895 (73.53)													
B	30	60			X	71973-1830	X	71973-1930	X	71973-2030	2.900 (73.66)	2.995 (76.07)													
	31	62			X	71973-1831	X	71973-1931	X	71973-2031	3.000 (76.20)	3.095 (78.61)													
	32	64			X	71973-1832	X	71973-1932	X	71973-2032	3.100 (78.74)	3.195 (81.15)													
A	*X* INDICATES TOOLING IS NOT AVAILABLE										ADD OPTION K & L EC NO: S2010-0534 DRWN:SKANG 2009/12/30 CHKD:ATSEE 2010/01/08 APPR:MLONG 2010/01/14		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 MATERIAL NO.	SCALE NTS DESIGN UNITS INCH	THIRD ANGLE PROJECTION	EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID MOLEX INCORPORATED SDA-71973-****		SHEET NO. 12 OF 26					
														DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE TABLE										
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 D ASSEMBLY PACKAGED IN TUBES PER PK-70873-0139 (SEE SHEET I FOR FINISH SPECIFICATIONS)						DIMENSION				NO. OF CKTS		OPTION D ASSEMBLY PACKAGED IN TUBES PER PK-70873-0139 (SEE SHEET I FOR FINISH SPECIFICATIONS)						DIMENSION			
PER ROW	TOTAL			I5 GOLD	30 GOLD	50 GOLD	A	B		D	PER ROW	TOTAL			I5 GOLD	30 GOLD	50 GOLD	A	B		D		
4	8			X 71973-2604	X 71973-2704	X 71973-2804	.300 (7.62)	.395 (10.03)		.658 (16.71)	33	66			X 71973-2633	X 71973-2733	X 71973-2833	3.200 (81.28)	3.295 (83.69)		3.558 (90.37)		
5	10			X 71973-2605	X 71973-2705	X 71973-2805	.400 (10.16)	.495 (12.57)		.758 (19.25)	34	68			X 71973-2634	X 71973-2734	X 71973-2834	3.300 (83.82)	3.395 (86.23)		3.658 (92.91)		
6	12			X 71973-2606	X 71973-2706	X 71973-2806	.500 (12.70)	.595 (15.11)		.858 (21.79)	35	70			X 71973-2635	X 71973-2735	X 71973-2835	3.400 (86.36)	3.495 (88.77)		3.758 (95.45)		
7	14			X 71973-2607	X 71973-2707	X 71973-2807	.600 (15.24)	.695 (17.65)		.958 (24.33)	36	72			X 71973-2636	X 71973-2736	X 71973-2836	3.500 (88.90)	3.595 (91.31)		3.858 (97.99)		
8	16			X 71973-2608	X 71973-2708	X 71973-2808	.700 (17.78)	.795 (20.19)		1.058 (26.87)													
9	18			X 71973-2609	X 71973-2709	X 71973-2809	.800 (20.32)	.895 (22.73)		1.158 (29.41)													
10	20			X 71973-2610	X 71973-2710	X 71973-2810	.900 (22.86)	.995 (25.27)		1.258 (31.95)													
11	22			X 71973-2611	X 71973-2711	X 71973-2811	1.000 (25.40)	1.095 (27.81)		1.358 (34.49)													
12	24			X 71973-2612	X 71973-2712	X 71973-2812	1.100 (27.94)	1.195 (30.35)		1.458 (37.03)													
13	26			X 71973-2613	X 71973-2713	X 71973-2813	1.200 (30.48)	1.295 (32.89)		1.558 (39.57)													
14	28			X 71973-2614	X 71973-2714	X 71973-2814	1.300 (33.02)	1.395 (35.43)		1.658 (42.11)													
15	30			X 71973-2615	X 71973-2715	X 71973-2815	1.400 (35.56)	1.495 (37.97)		1.758 (44.65)													
16	32			X 71973-2616	X 71973-2716	X 71973-2816	1.500 (38.10)	1.595 (40.51)		1.858 (47.19)													
17	34			X 71973-2617	X 71973-2717	X 71973-2817	1.600 (40.64)	1.695 (43.05)		1.958 (49.73)													
18	36			X 71973-2618	X 71973-2718	X 71973-2818	1.700 (43.18)	1.795 (45.59)		2.058 (52.27)													
19	38			X 71973-2619	X 71973-2719	X 71973-2819	1.800 (45.72)	1.895 (48.13)		2.158 (54.81)													
20	40			X 71973-2620	X 71973-2720	X 71973-2820	1.900 (48.26)	1.995 (50.67)		2.258 (57.35)													
21	42			X 71973-2621	X 71973-2721	X 71973-2821	2.000 (50.80)	2.095 (53.21)		2.358 (59.89)													
22	44			X 71973-2622	X 71973-2722	X 71973-2822	2.100 (53.34)	2.195 (55.75)		2.458 (62.43)													
23	46			X 71973-2623	X 71973-2723	X 71973-2823	2.200 (55.88)	2.295 (58.29)		2.558 (64.97)													
24	48			X 71973-2624	X 71973-2724	X 71973-2824	2.300 (58.42)	2.395 (60.83)		2.658 (67.51)													
25	50			X 71973-2625	X 71973-2725	X 71973-2825	2.400 (60.96)	2.495 (63.37)		2.758 (70.05)													
26	52			X 71973-2626	X 71973-2726	X 71973-2826	2.500 (63.50)	2.595 (65.91)		2.858 (72.59)													
27	54			X 71973-2627	X 71973-2727	X 71973-2827	2.600 (66.04)	2.695 (68.45)		2.958 (75.13)													
28	56			X 71973-2628	X 71973-2728	X 71973-2828	2.700 (68.58)	2.795 (70.99)		3.058 (77.67)													
29	58			X 71973-2629	X 71973-2729	X 71973-2829	2.800 (71.12)	2.895 (73.53)		3.158 (80.21)													
30	60			X 71973-2630	X 71973-2730	X 71973-2830	2.900 (73.66)	2.995 (76.07)		3.258 (82.75)													
31	62			X 71973-2631	X 71973-2731	X 71973-2831	3.000 (76.20)	3.095 (78.61)		3.358 (85.29)													
32	64			X 71973-2632	X 71973-2732	X 71973-2832	3.100 (78.74)	3.195 (81.15)		3.458 (87.83)													
X INDICATES TOOLING IS NOT AVAILABLE							ADD OPTION K & L EC NO: S2010-0534 DRWN:SKANG 2009/12/30 CHKD:ATSEE 2010/01/08 APPR:MLONG 2010/01/14		QUALITY SYMBOLS F=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		DOCUMENT NO. SDA-71973-****								
									DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE						SHEET NO. 13 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					

10		9		8		7		6		5		4		3		2		1									
NO. OF CKTS		OPTION C ASSEMBLY PACKAGED IN TRAYS PER PK-70873-0239 (SEE SHEET I FOR FINISH SPECIFICATIONS)						DIMENSION				NO. OF CKTS		OPTION C ASSEMBLY PACKAGED IN TRAYS PER PK-70873-0239 (SEE SHEET I FOR FINISH SPECIFICATIONS)						DIMENSION							
PER ROW	TOTAL			15 GOLD		30 GOLD		50 GOLD		A	B					15 GOLD		30 GOLD		50 GOLD		A	B				
4	8				71973-7404		71973-7504		71973-7604	.300 (7.62)	.395 (10.03)						71973-7433		71973-7533		71973-7633	3.200 (81.28)	3.295 (83.69)				
5	10				71973-7405		71973-7505		71973-7605	.400 (10.16)	.495 (12.57)						71973-7434		71973-7534		71973-7634	3.300 (83.82)	3.395 (86.23)				
6	12				71973-7406		71973-7506		71973-7606	.500 (12.70)	.595 (15.11)						71973-7435		71973-7535		71973-7635	3.400 (86.36)	3.495 (88.77)				
7	14				71973-7407		71973-7507		71973-7607	.600 (15.24)	.695 (17.65)						71973-7436		71973-7536		71973-7636	3.500 (88.90)	3.595 (91.31)				
8	16				71973-7408		71973-7508		71973-7608	.700 (17.78)	.795 (20.19)																
9	18				71973-7409		71973-7509		71973-7609	.800 (20.32)	.895 (22.73)																
10	20				71973-7410		71973-7510		71973-7610	.900 (22.86)	.995 (25.27)																
11	22				71973-7411		71973-7511		71973-7611	1.000 (25.40)	1.095 (27.81)																
12	24				71973-7412		71973-7512		71973-7612	1.100 (27.94)	1.195 (30.35)																
13	26				71973-7413		71973-7513		71973-7613	1.200 (30.48)	1.295 (32.89)																
14	28				71973-7414		71973-7514		71973-7614	1.300 (33.02)	1.395 (35.43)																
15	30				71973-7415		71973-7515		71973-7615	1.400 (35.56)	1.495 (37.97)																
16	32				71973-7416		71973-7516		71973-7616	1.500 (38.10)	1.595 (40.51)																
17	34				71973-7417		71973-7517		71973-7617	1.600 (40.64)	1.695 (43.05)																
18	36				71973-7418		71973-7518		71973-7618	1.700 (43.18)	1.795 (45.59)																
19	38				71973-7419		71973-7519		71973-7619	1.800 (45.72)	1.895 (48.13)																
20	40				71973-7420		71973-7520		71973-7620	1.900 (48.26)	1.995 (50.67)																
21	42				71973-7421		71973-7521		71973-7621	2.000 (50.80)	2.095 (53.21)																
22	44				71973-7422		71973-7522		71973-7622	2.100 (53.34)	2.195 (55.75)																
23	46				71973-7423		71973-7523		71973-7623	2.200 (55.88)	2.295 (58.29)																
24	48				71973-7424		71973-7524		71973-7624	2.300 (58.42)	2.395 (60.83)																
25	50				71973-7425		71973-7525		71973-7625	2.400 (60.96)	2.495 (63.37)																
26	52				71973-7426		71973-7526		71973-7626	2.500 (63.50)	2.595 (65.91)																
27	54				71973-7427		71973-7527		71973-7627	2.600 (66.04)	2.695 (68.45)																
28	56				71973-7428		71973-7528		71973-7628	2.700 (68.58)	2.795 (70.99)																
29	58				71973-7429		71973-7529		71973-7629	2.800 (71.12)	2.895 (73.53)																
30	60				71973-7430		71973-7530		71973-7630	2.900 (73.66)	2.995 (76.07)																
31	62				71973-7431		71973-7531		71973-7631	3.000 (76.20)	3.095 (78.61)																
32	64				71973-7432		71973-7532		71973-7632	3.100 (78.74)	3.195 (81.15)																
ADD OPTION K & L EC NO: S2010-0534 DRWN:SKANG 2009/12/30 CHKD:ATSEE 2010/01/08 APPR:MLONG 2010/01/14 K										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							
										DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		molex		MOLEX INCORPORATED		SHEET NO. 14 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 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			15 GOLD	30 GOLD	50 GOLD	A	B	D	PER ROW	TOTAL			15 GOLD	30 GOLD	50 GOLD	A	B	D
4	8			71973-7804	71973-7904	71973-8004	.300 (7.62)	.395 (10.03)	.658 (16.71)	33	66			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)	.758 (19.25)	34	68			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)	.858 (21.79)	35	70			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)	.958 (24.33)	36	72			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)	1.058 (26.87)										
9	18			71973-7809	71973-7909	71973-8009	.800 (20.32)	.895 (22.73)	1.158 (29.41)										
10	20			71973-7810	71973-7910	71973-8010	.900 (22.86)	.995 (25.27)	1.258 (31.95)										
11	22			71973-7811	71973-7911	71973-8011	1.000 (25.40)	1.095 (27.81)	1.358 (34.49)										
12	24			71973-7812	71973-7912	71973-8012	1.100 (27.94)	1.195 (30.35)	1.458 (37.03)										
13	26			71973-7813	71973-7913	71973-8013	1.200 (30.48)	1.295 (32.89)	1.558 (39.57)										
14	28			71973-7814	71973-7914	71973-8014	1.300 (33.02)	1.395 (35.43)	1.658 (42.11)										
15	30			71973-7815	71973-7915	71973-8015	1.400 (35.56)	1.495 (37.97)	1.758 (44.65)										
16	32			71973-7816	71973-7916	71973-8016	1.500 (38.10)	1.595 (40.51)	1.858 (47.19)										
17	34			71973-7817	71973-7917	71973-8017	1.600 (40.64)	1.695 (43.05)	1.958 (49.73)										
18	36			71973-7818	71973-7918	71973-8018	1.700 (43.18)	1.795 (45.59)	2.058 (52.27)										
19	38			71973-7819	71973-7919	71973-8019	1.800 (45.72)	1.895 (48.13)	2.158 (54.81)										
20	40			71973-7820	71973-7920	71973-8020	1.900 (48.26)	1.995 (50.67)	2.258 (57.35)										
21	42			71973-7821	71973-7921	71973-8021	2.000 (50.80)	2.095 (53.21)	2.358 (59.89)										
22	44			71973-7822	71973-7922	71973-8022	2.100 (53.34)	2.195 (55.75)	2.458 (62.43)										
23	46			71973-7823	71973-7923	71973-8023	2.200 (55.88)	2.295 (58.29)	2.558 (64.97)										
24	48			71973-7824	71973-7924	71973-8024	2.300 (58.42)	2.395 (60.83)	2.658 (67.51)										
25	50			71973-7825	71973-7925	71973-8025	2.400 (60.96)	2.495 (63.37)	2.758 (70.05)										
26	52			71973-7826	71973-7926	71973-8026	2.500 (63.50)	2.595 (65.91)	2.858 (72.59)										
27	54			71973-7827	71973-7927	71973-8027	2.600 (66.04)	2.695 (68.45)	2.958 (75.13)										
28	56			71973-7828	71973-7928	71973-8028	2.700 (68.58)	2.795 (70.99)	3.058 (77.67)										
29	58			71973-7829	71973-7929	71973-8029	2.800 (71.12)	2.895 (73.53)	3.158 (80.21)										
30	60			71973-7830	71973-7930	71973-8030	2.900 (73.66)	2.995 (76.07)	3.258 (82.75)										
31	62			71973-7831	71973-7931	71973-8031	3.000 (76.20)	3.095 (78.61)	3.358 (85.29)										
32	64			71973-7832	71973-7932	71973-8032	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					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	

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 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										
													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												
													4 PLACES ± --- ± ---		CHECKED BY DATE DJB 1991/10/21		MOLEX INCORPORATED												
													3 PLACES ± --- ± .010		APPROVED BY DATE MLONG 2010/01/14		MATERIAL NO. DOCUMENT NO.												
2 PLACES ± 0.25 ± ---		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SDA-71973-****		SHEET NO. 16 OF 26																					
1 PLACE ± --- ± ---																													
ANGULAR ±1/2°																													

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Rev. F 2009/06/18

[illegible]

tb_frame_A3_P_AM_T
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)																																																																															
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										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 ± ---										APPROVED BY DATE										MOLEX INCORPORATED																																																																																									
A										K										REV										DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										SEE TABLE										DOCUMENT NO. SDA-71973-****										SHEET NO. 20 OF 26																																																																															
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Rev. F 2009/06/18

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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			15 GOLD		30 GOLD		50 GOLD		A	B			D			15 GOLD		30 GOLD		50 GOLD			A	B		D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
	4	8			X	71973-5804	X	71973-5904	X	71973-6004		.300 (7.62)	.395 (10.03)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										

X INDICATES TOOLING IS NOT AVAILABLE.

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

QUALITY SYMBOLS
F_A=0
F_C=0
F_P=0

GENERAL TOLERANCES (UNLESS SPECIFIED)
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
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
DOCUMENT NO.
SDA-71973-****
SHEET NO.
21 OF 26
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

[illegible]

[illegible]

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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)	E	5	10								71973-9735	71973-9835	71973-9935	3.400 (86.36)	3.495 (88.77)	3.300 (83.82)	3.758 (95.45)	D	6	12																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										</

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F	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					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)			
E	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)																	
D	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)																	
C	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)																	
B	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)																	
A	31	62			71973-6231		71973-6331		71973-6431		3.000 (76.20)	3.095 (78.61)																	
X INDICATES TOOLING IS NOT AVAILABLE											ADD OPTION K & L EC NO: S2010-0534 DRWN:SKANG CHKD:ATSEE APPR:MLONG 2009/12/30 2010/01/08 2010/01/14		QUALITY SYMBOLS F=0 F=0 F=0		GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± --- 1 PLACE ± --- ± --- ANGULAR ± 1/2°		DIMENSION STYLE IN/MM DRAWN BY DATE DJB 1991/10/21 CHECKED BY DATE DJB 1991/10/21 APPROVED BY DATE MLONG 2010/01/14		SCALE NTS		DESIGN UNITS INCH		THIRD ANGLE PROJECTION		TITLE EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID MOLEX INCORPORATED		SHEET NO. 25 OF 26		
tb_frame_A3_P_AM_T Rev. F 2009/06/18											9		8		7		6		5		4		3		2		1		

	10		9		8		7		6		5		4		3		2		1					
F	NO. OF CKTS		OPTION 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			15 GOLD		30 GOLD		50 GOLD		A	B			15 GOLD		30 GOLD		50 GOLD					
	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)												
A	"X" INDICATES TOOLING IS NOT AVAILABLE										ADD OPTION K & L EC NO: S2010-0534 2009/12/30 DRWN:SKANG CHKD:ATSEE 2010/01/08 APPR:MLONG 2010/01/14		QUALITY SYMBOLS F _A =0 F _B =0 F _P =0		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE NTS	DESIGN UNITS INCH	THIRD ANGLE PROJECTION		A	
															DRAWN BY DATE 1991/10/21		CHECKED BY DATE 1991/10/21		APPROVED BY DATE 2010/01/14		MATERIAL NO. SEE TABLE			
															4 PLACES ± --- ± ---		3 PLACES ± --- ± .010		2 PLACES ± 0.25 ± ---		1 PLACE ± --- ± ---			
																ANGULAR ± 1/2°								
																DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								
																SIZE A3								

13			12			11			10			9			8			7			6			5			4			3			2			1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
J	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				J																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
	PER ROW	TOTAL				I5 GOLD			30 GOLD			50 GOLD			A	B				PER ROW	TOTAL				I5 GOLD			30 GOLD				50 GOLD			A	B																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			

"X" INDICATES TOOLING IS NOT AVAILABLE

REMOVE 74-130 CKT EC NO: UCP2007-0113 DRAWN: JORGAN 2006/08/07 CHKD: MS BARRA 2006/08/16 APPR: SMILLER 2006/08/18	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE ---	DESIGN UNITS INCH	THIRD ANGLE PROJECTION 	
		mm	INCH	DRAWN BY DJB	DATE 1991/10/21	TITLE RECEPTACLE-RIGHT ANGLE .120 PC TAIL, NO PINSTOP .100/(2.54) GRID			
		4 PLACES ± ---	± ---	CHECKED BY	DATE				
		3 PLACES ± ---	± ---	APPROVED BY	DATE	MATERIAL NO. DOCUMENT NO. SDA-71973-****			
1 PLACE ± --- ± --- ANGULAR ±1/2°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SHEET NO. 6 OF 22			