

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0719731108
Status: Active
Overview: cgrid_sl_products
Description: 2.54mm (.100") Pitch C-Grid® PCB Connector, Dual Row, Right Angle, Early Entry Receptacle, with Flange, 16 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

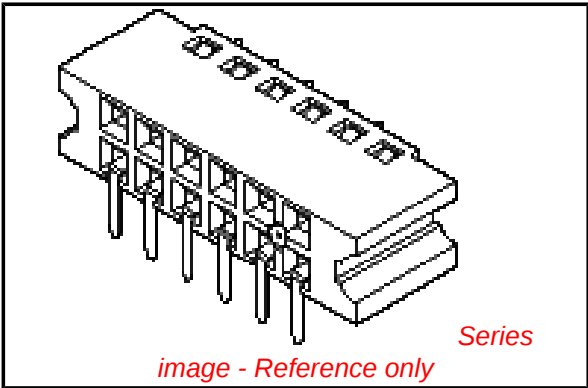
Circuits (Loaded) 16
Color - Resin Black
Durability (mating cycles max) 50
Flammability 94V-0
Glow-Wire Compliant No
Material - Metal Phosphor Bronze
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin High Temperature Thermoplastic
Number of Rows 2
Orientation Right Angle
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) 0.75
Plating min: Termination (µin) 75
Plating min: Termination (µm) 1.875
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

Material Info

Reference - Drawing Numbers



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
[70204](#)

Packaging Specification
Product Specification
Sales Drawing

PK-70873-0139
PS-71973-9999
SDA-71973-****

This document was generated on 05/21/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

10 9 8 7 6 5 4 3 2 1

NOTES:

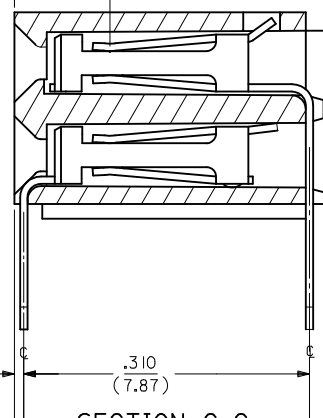
- 1.) MATERIAL -
INSULATOR - LCP, UL 94V-0, COLOR BLACK
CONTACTS - PHOSPHOR BRONZE
- 2.) SEE SHT. 5 & 6 FOR CHART DIMENSIONS AND EDP NO.'S
- 3.) RECOMMENDED MATING PIN LENGTH:
LOWER ROW - .200" MIN., .285" MAX.
UPPER ROW - .200" MIN.
- 4.) REFER TO PRODUCT SPECIFICATION PS-71973-9999 FOR PERFORMANCE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

FINISHES

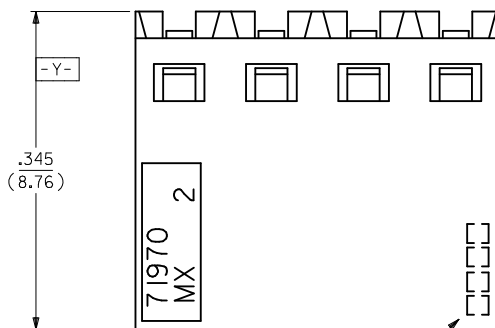
- 15 GOLD .000015 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000075 MINIMUM TIN PLATE IN SELECT AREA.
- 30 GOLD .000030 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000075 MINIMUM TIN PLATE IN SELECT AREA.
- 50 GOLD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

.105
(2.67)

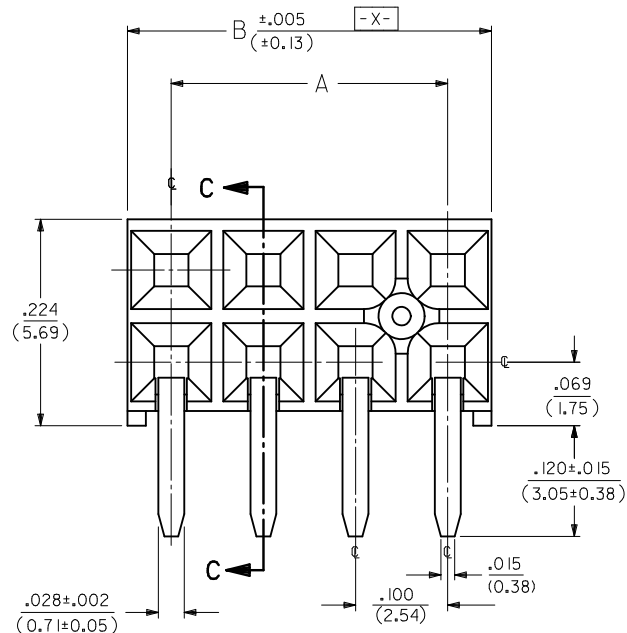
POINT OF
CONTACT



SECTION C-C



4 DIGIT DATE CODE
SEE NOTE 5

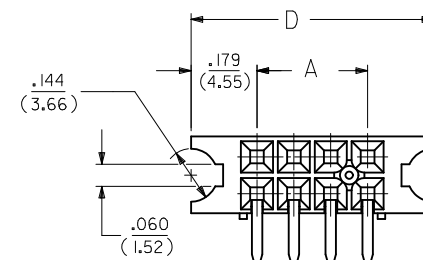
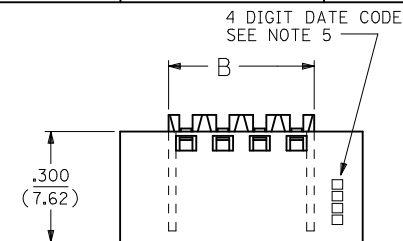


- ⊕ .015 ⊕ TAIL TO TAIL
⊕ .020 ⊕ X ⊕ Y ⊕ TAIL TO INSULATOR

OPTION "A" ASSEMBLY
STANDARD HOUSING

NOTE FOR LEAD FREE CONVERSION:

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



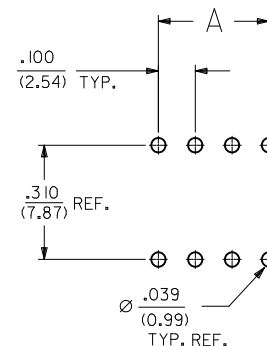
OPTION "B" ASSEMBLY

STD. HOUSING W/MOUNTING EARS
SCALE 4:1

REFER TO OPT. A FOR ALL OTHER INFORMATION

OPTION "J" ASSEMBLY

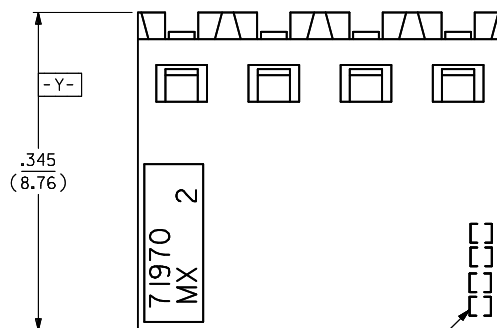
OPTION "J" IS THE SAME AS OPTION "B" EXCEPT
DATE CODE IS NOT STAMPED ON HOUSING.



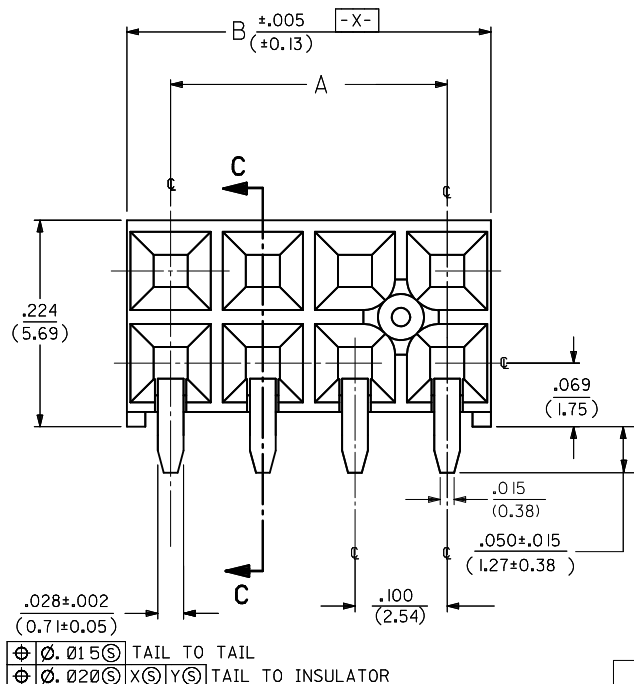
RECOMMENDED P.C.B.
LAYOUT

ADD OPTION K & L EC NO: S2010-0534 2009/12/30 DRWN:SKANG CHKD:ATSEE 2010/01/08 APPR:MLONG 2010/01/14			QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE NTS	DESIGN UNITS INCH	THIRD ANGLE PROJECTION			
						mm	INCH	DRAWN BY 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	MOLEX INCORPORATED		
		2 PLACES	± 0.25 ± ---	MATERIAL NO.		DOCUMENT NO.							
		1 PLACE	± --- ± ---	ANGULAR ± 1/2°		SEE TABLE		SDA-71973-****					
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
		REV						SHEET NO. 1 OF 26					

9 8 7 6 5 4 3 2 1



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.

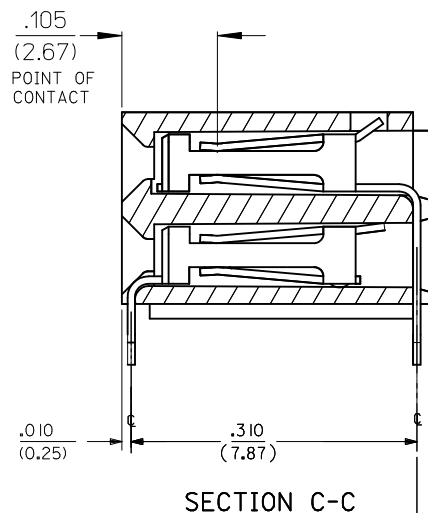
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Rev. F 2009/06/18

NOTES:

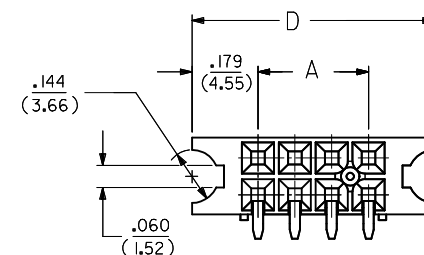
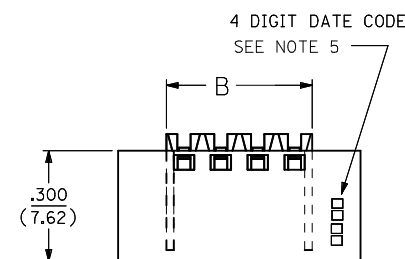
- 1.) MATERIAL-
INSULATOR - LCP, UL 94V-0, COLOR BLACK
CONTACTS - PHOSPHOR BRONZE
- 2.) SEE SHT. 9 & 10 FOR CHART DIMENSIONS AND EDP NO.'S
- 3.) RECOMMENDED MATING PIN LENGTH:
LOWER ROW - .200" MIN., .285" MAX.
UPPER ROW - .200" MIN.
- 4.) REFER TO PRODUCT SPECIFICATION PS-71973-9999 FOR
PERFORMANCE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

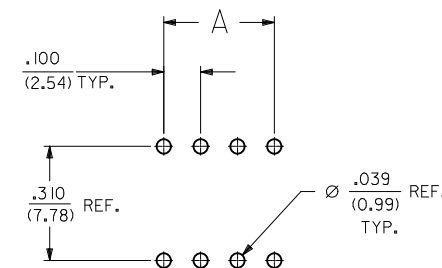


SECTION C-C



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		2009/12/30		mm		IN/MM		NTS		INCH			
DRWN:SKANG		2010/01/08		4 PLACES		DRAWN BY		DATE		TITLE			
CHKD:ATSEE		2010/01/14		3 PLACES		CHECKED BY		DATE		DATE			
APPR:MLONG		2010/01/14		2 PLACES		APPROVED BY		DATE		DATE			
				1 PLACE		MLONG		2010/01/14		MOLEX INCORPORATED			
						MATERIAL NO.		DOCUMENT NO.		SDA-71973-****			
						SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

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Rev. F 2009/06/18

10

9

8

7

6

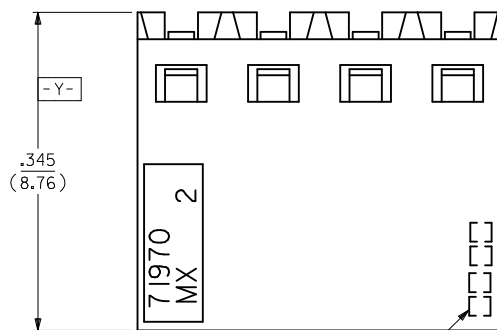
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4

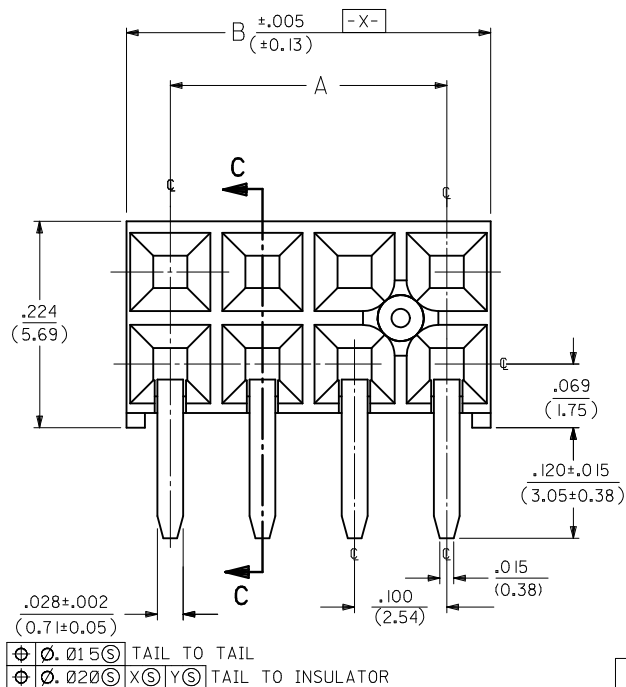
3

2

1



4 DIGIT DATE CODE
SEE NOTE 5



OPTION "E" ASSEMBLY
STANDARD HOUSING

NOTE FOR LEAD FREE CONVERSION:

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

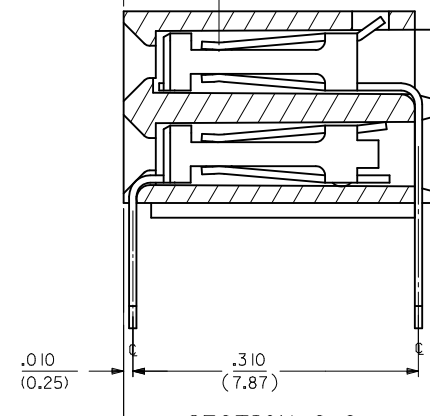
NOTES:

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

FINISHES

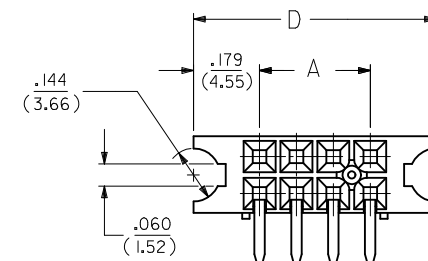
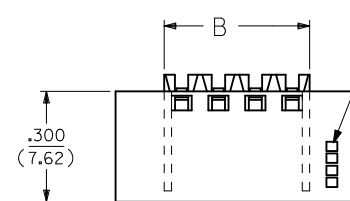
- 15 GOLD .000015 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000075 MINIMUM TIN PLATE IN SELECT AREA.
- 30 GOLD .000030 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000075 MINIMUM TIN PLATE IN SELECT AREA.
- 50 GOLD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



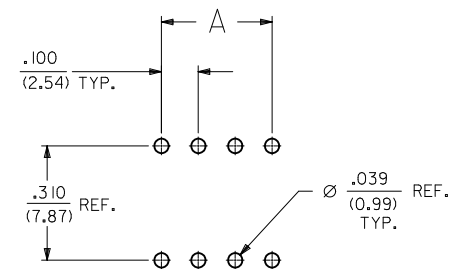
SECTION C-C

4 DIGIT DATE CODE
SEE NOTE 5



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

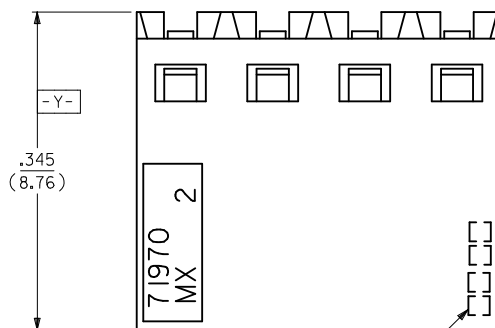
REFER TO OPT. E FOR ALL OTHER INFORMATION



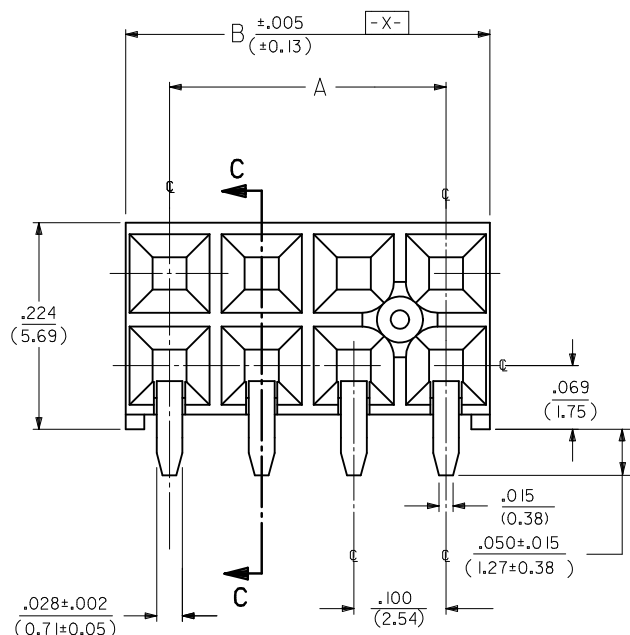
RECOMMENDED P.C.B. LAYOUT

GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE NTS	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
		mm	INCH	DRAWN BY	DATE	TITLE	
4 PLACES	± ---	± ---	± ---	DJB	1991/10/21	EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID MOLEX INCORPORATED	SHEET NO. 3 OF 26
3 PLACES	± ---	± .010	± .010	CHECKED BY	DATE		
2 PLACES	± 0.25	± ---	± ---	DJB	1991/10/21		
1 PLACE	± ---	± ---	± ---	APPROVED BY	DATE		
ANGULAR ± 1/2°		MATERIAL NO.		MLONG	2010/01/14	SDA-71973-****	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		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

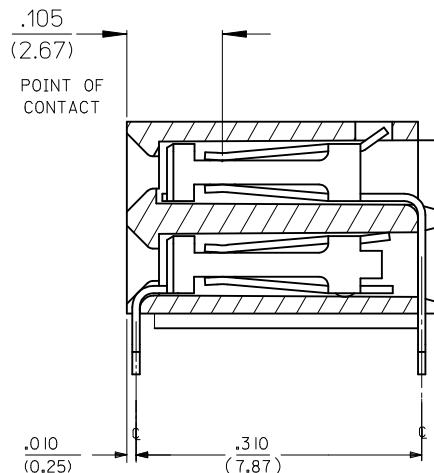
NOTE FOR LEAD FREE CONVERSION:

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.

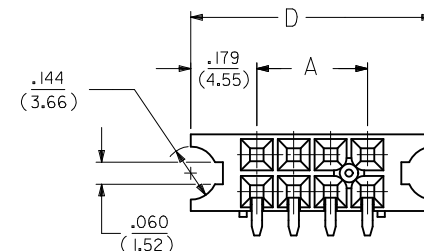
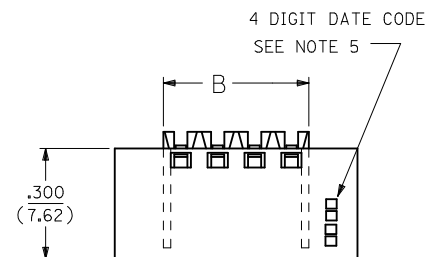
- NOTES:**
- 1.) MATERIAL -
INSULATOR - LCP, UL 94V-0, COLOR BLACK
CONTACTS - PHOSPHOR BRONZE
 - 2.) SEE SHT. 17 & 18 FOR CHART DIMENSIONS AND EDP NO.'S
 - 3.) RECOMMENDED MATING PIN LENGTH:
LOWER ROW - .200" MIN., .250" MAX.
UPPER ROW - .200" MIN.
 - 4.) REFER TO PRODUCT SPECIFICATION PS-71973-9999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

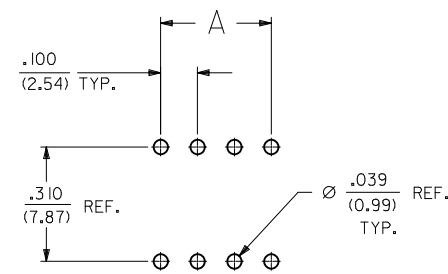


SECTION C-C



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

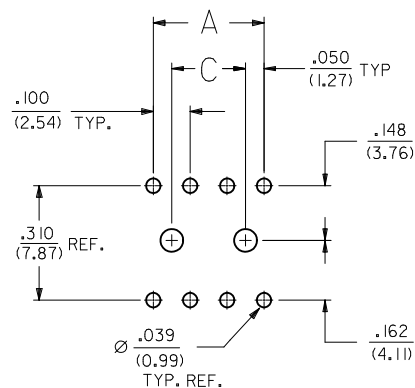
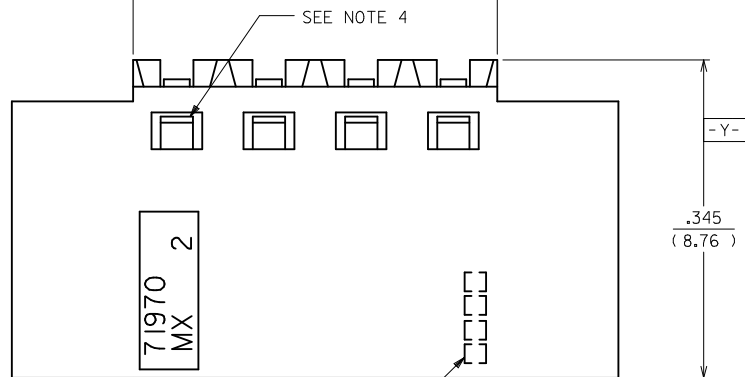
REFER TO OPT. G FOR ALL OTHER INFORMATION



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. SDA-71973-****			
K	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE TABLE		SDA-71973-****				
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

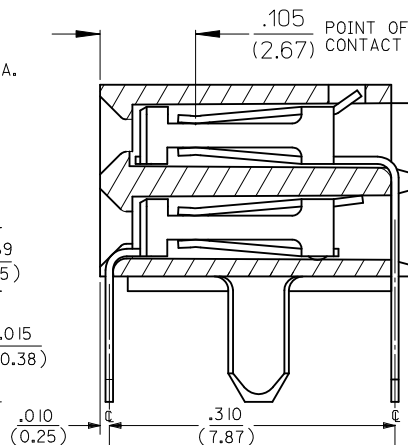
10 9 8 7 6 5 4 3 2 1



RECOMMENDED P.C.B.
LAYOUT

SCALE 4:1

SECTION D-D



NOTES:

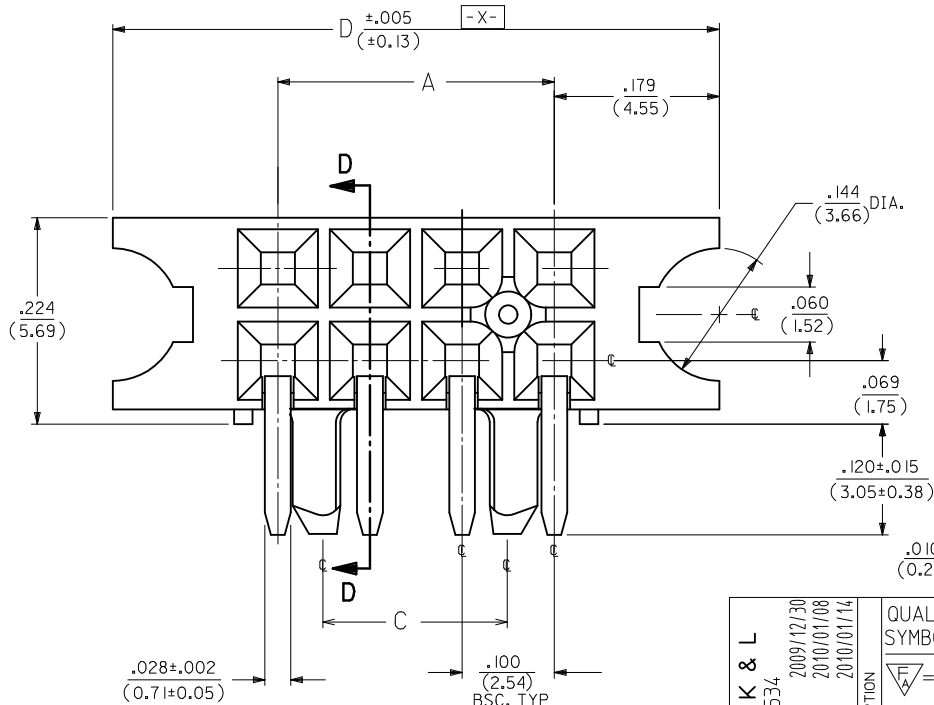
- 1.) MATERIAL -
INSULATOR - LCP, UL 94V-0, COLOR BLACK
CONTACTS - PHOSPHOR BRONZE
- 2.) SEE SHT. 22 FOR CHART DIMENSIONS AND ITEM NO.'S
- 3.) RECOMMENDED MATING PIN LENGTH:
LOWER ROW - .200" MINIMUM, .285" MAX.
UPPER ROW - .200" MINIMUM
- 4.) REFER TO PRODUCT SPECIFICATION PS-71973-9999 FOR PERFORMANCE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



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

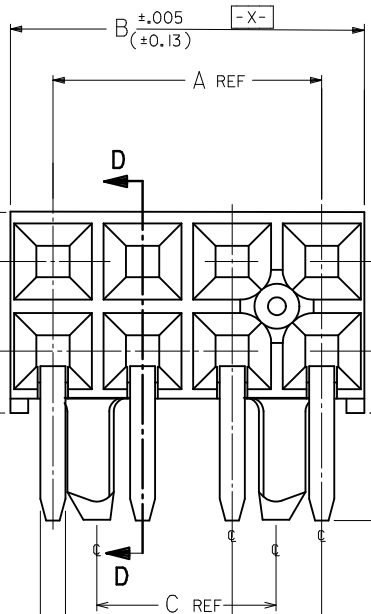
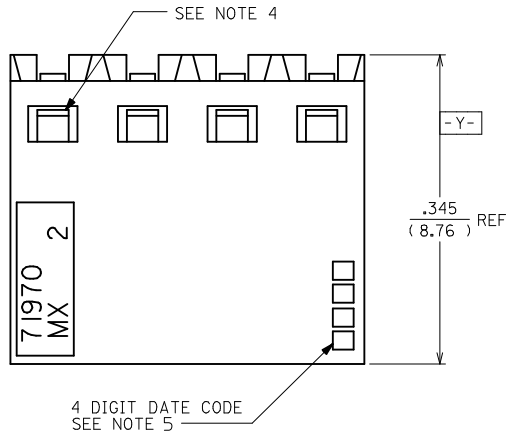
9 8 7 6 5 4 3 2 1

FINISHES

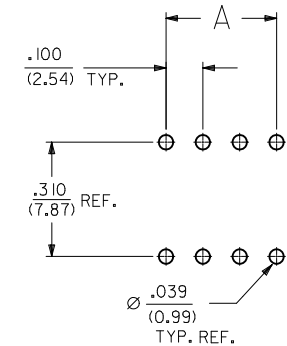
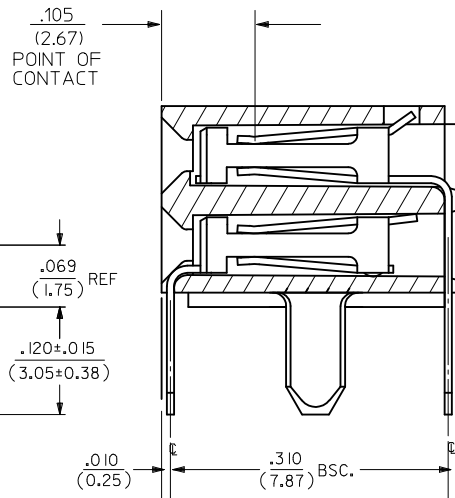
- 15 GOLD .000015 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000075 MINIMUM TIN PLATE IN SELECT AREA.
- 30 GOLD .000030 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000075 MINIMUM TIN PLATE IN SELECT AREA.
- 50 GOLD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

NOTES:

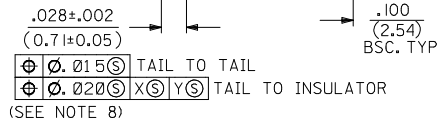
- 1.) MATERIAL-
INSULATOR - LCP, UL 94V-0, COLOR BLACK
CONTACTS - PHOSPHOR BRONZE
- 2.) SEE SHT.25 FOR CHART DIMENSIONS AND ITEM NO.'S
- 3.) RECOMMENDED MATING PIN LENGTH:
LOWER ROW - .200" MINIMUM, .285" MAX.
UPPER ROW - .200" MINIMUM
- 4.) REFER TO PRODUCT SPECIFICATION PS-71973-9999 FOR PERFORMANCE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



SECTION D-D



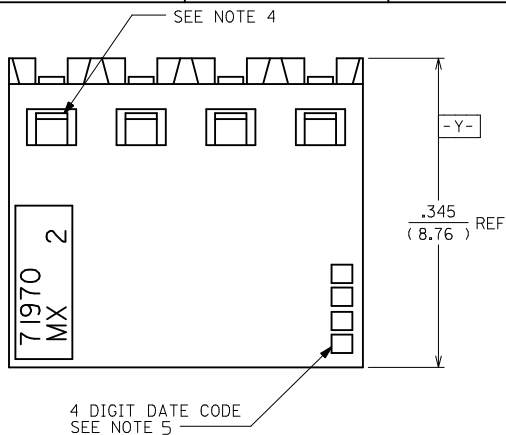
RECOMMENDED P.C.B.
LAYOUT



OPTION "K" ASSEMBLY
STANDARD HOUSING W/ PEGS

ADD OPTION K & L		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
EC NO: S2010-0534		DESCRIPTION		mm		IN/MM		NTS		INCH			
2009/12/30		DRWN:SKANG		4 PLACES		DRAWN BY		DATE		TITLE			
2010/01/08		CHKD:ATSEE		3 PLACES		CHECKED BY		DATE		DATE			
2010/01/14		APPR:MLONG		2 PLACES		APPROVED BY		DATE		DATE			
				1 PLACE		MLONG		2010/01/14		MOLEX			
						ANGULAR ±1/2°				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



FINISHES

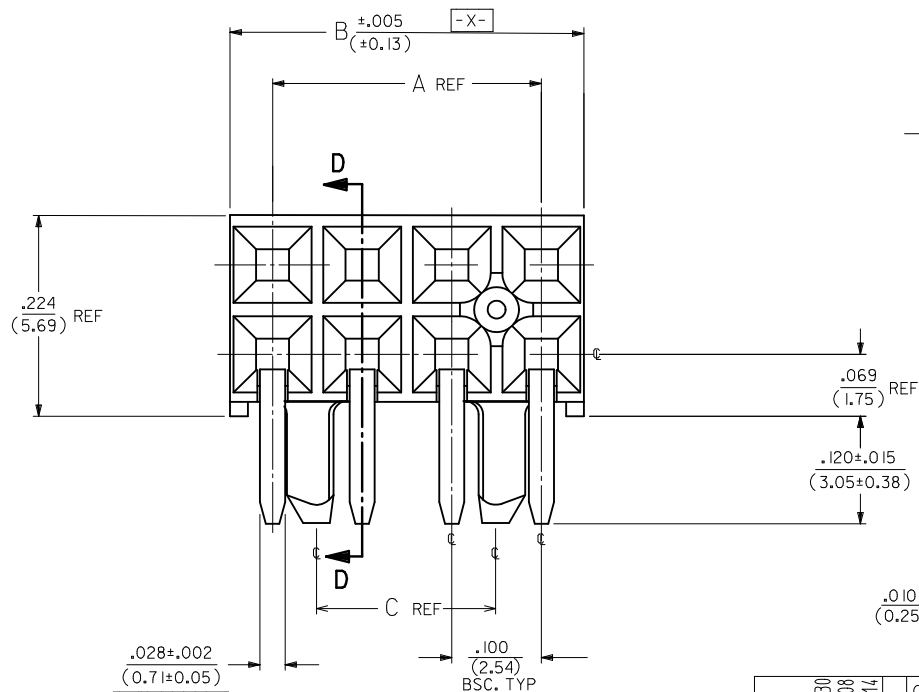
15 GOLD .000015 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000075 MINIMUM TIN PLATE IN SELECT AREA.

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

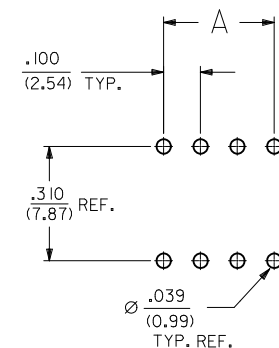
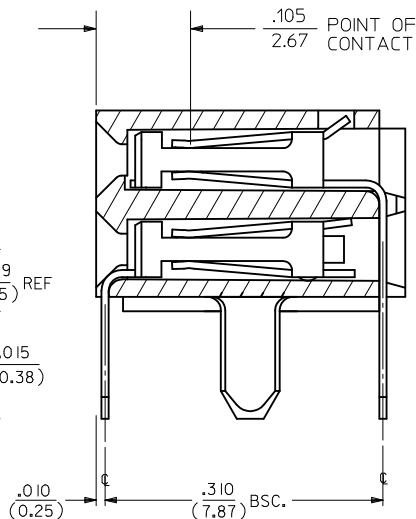
50 GOLD .000050 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000100 MINIMUM TIN PLATE IN SELECT AREA.

NOTES:

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



SECTION D-D



RECOMMENDED P.C.B.
LAYOUT

OPTION "L" ASSEMBLY
STANDARD HOUSING W/ PEGS

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

9 8 7 6 5 4 3 2 1

[illegible]

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					
NO. OF CKTS		OPTION D ASSEMBLY PACKAGED IN TUBES PER PK-70873-0139 (SEE SHEET I FOR FINISH SPECIFICATIONS)						DIMENSION				NO. OF CKTS		OPTION D ASSEMBLY PACKAGED IN TUBES PER PK-70873-0139 (SEE SHEET I FOR FINISH SPECIFICATIONS)						DIMENSION			
PER ROW	TOTAL			I5 GOLD	30 GOLD	50 GOLD	A	B			D	PER ROW	TOTAL			I5 GOLD	30 GOLD	50 GOLD	A	B			D
4	8			X 71973-2604	X 71973-2704	X 71973-2804	.300 (7.62)	.395 (10.03)			.658 (16.71)	33	66			X 71973-2633	X 71973-2733	X 71973-2833	3.200 (81.28)	3.295 (83.69)			3.558 (90.37)
5	10			X 71973-2605	X 71973-2705	X 71973-2805	.400 (10.16)	.495 (12.57)			.758 (19.25)	34	68			X 71973-2634	X 71973-2734	X 71973-2834	3.300 (83.82)	3.395 (86.23)			3.658 (92.91)
6	12			X 71973-2606	X 71973-2706	X 71973-2806	.500 (12.70)	.595 (15.11)			.858 (21.79)	35	70			X 71973-2635	X 71973-2735	X 71973-2835	3.400 (86.36)	3.495 (88.77)			3.758 (95.45)
7	14			X 71973-2607	X 71973-2707	X 71973-2807	.600 (15.24)	.695 (17.65)			.958 (24.33)	36	72			X 71973-2636	X 71973-2736	X 71973-2836	3.500 (88.90)	3.595 (91.31)			3.858 (97.99)
8	16			X 71973-2608	X 71973-2708	X 71973-2808	.700 (17.78)	.795 (20.19)			1.058 (26.87)												
9	18			X 71973-2609	X 71973-2709	X 71973-2809	.800 (20.32)	.895 (22.73)			1.158 (29.41)												
10	20			X 71973-2610	X 71973-2710	X 71973-2810	.900 (22.86)	.995 (25.27)			1.258 (31.95)												
11	22			X 71973-2611	X 71973-2711	X 71973-2811	1.000 (25.40)	1.095 (27.81)			1.358 (34.49)												
12	24			X 71973-2612	X 71973-2712	X 71973-2812	1.100 (27.94)	1.195 (30.35)			1.458 (37.03)												
13	26			X 71973-2613	X 71973-2713	X 71973-2813	1.200 (30.48)	1.295 (32.89)			1.558 (39.57)												
14	28			X 71973-2614	X 71973-2714	X 71973-2814	1.300 (33.02)	1.395 (35.43)			1.658 (42.11)												
15	30			X 71973-2615	X 71973-2715	X 71973-2815	1.400 (35.56)	1.495 (37.97)			1.758 (44.65)												
16	32			X 71973-2616	X 71973-2716	X 71973-2816	1.500 (38.10)	1.595 (40.51)			1.858 (47.19)												
17	34			X 71973-2617	X 71973-2717	X 71973-2817	1.600 (40.64)	1.695 (43.05)			1.958 (49.73)												
18	36			X 71973-2618	X 71973-2718	X 71973-2818	1.700 (43.18)	1.795 (45.59)			2.058 (52.27)												
19	38			X 71973-2619	X 71973-2719	X 71973-2819	1.800 (45.72)	1.895 (48.13)			2.158 (54.81)												
20	40			X 71973-2620	X 71973-2720	X 71973-2820	1.900 (48.26)	1.995 (50.67)			2.258 (57.35)												
21	42			X 71973-2621	X 71973-2721	X 71973-2821	2.000 (50.80)	2.095 (53.21)			2.358 (59.89)												
22	44			X 71973-2622	X 71973-2722	X 71973-2822	2.100 (53.34)	2.195 (55.75)			2.458 (62.43)												
23	46			X 71973-2623	X 71973-2723	X 71973-2823	2.200 (55.88)	2.295 (58.29)			2.558 (64.97)												
24	48			X 71973-2624	X 71973-2724	X 71973-2824	2.300 (58.42)	2.395 (60.83)			2.658 (67.51)												
25	50			X 71973-2625	X 71973-2725	X 71973-2825	2.400 (60.96)	2.495 (63.37)			2.758 (70.05)												
26	52			X 71973-2626	X 71973-2726	X 71973-2826	2.500 (63.50)	2.595 (65.91)			2.858 (72.59)												
27	54			X 71973-2627	X 71973-2727	X 71973-2827	2.600 (66.04)	2.695 (68.45)			2.958 (75.13)												
28	56			X 71973-2628	X 71973-2728	X 71973-2828	2.700 (68.58)	2.795 (70.99)			3.058 (77.67)												
29	58			X 71973-2629	X 71973-2729	X 71973-2829	2.800 (71.12)	2.895 (73.53)			3.158 (80.21)												
30	60			X 71973-2630	X 71973-2730	X 71973-2830	2.900 (73.66)	2.995 (76.07)			3.258 (82.75)												
31	62			X 71973-2631	X 71973-2731	X 71973-2831	3.000 (76.20)	3.095 (78.61)			3.358 (85.29)												
32	64			X 71973-2632	X 71973-2732	X 71973-2832	3.100 (78.74)	3.195 (81.15)			3.458 (87.83)												
X INDICATES TOOLING IS NOT AVAILABLE							ADD OPTION K & L EC NO: S2010-0534 DRWN:SKANG 2009/12/30 CHKD:ATSEE 2010/01/08 APPR:MLONG 2010/01/14		QUALITY SYMBOLS F _A =0 F _G =0 F _P =0		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE NTS		DESIGN UNITS INCH		THIRD ANGLE PROJECTION				
											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		MOLEX MOLEX INCORPORATED		SHEET NO. 13 OF 26		
											4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± --- 1 PLACE ± --- ± ---		CHECKED BY DATE DJB 1991/10/21										
											ANGULAR ±1/2°		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										
tb_frame_A3_P_AM.T Rev. F 2009/06/18		9		8		7		6		5		4		3		2		1					

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

10		9		8		7		6		5		4		3		2		1					
NO. OF CKTS		OPTION D ASSEMBLY PACKAGED IN TRAYS PER PK-70873-0239 (SEE SHEET I FOR FINISH SPECIFICATIONS)						DIMENSION				NO. OF CKTS		OPTION D ASSEMBLY PACKAGED IN TRAYS PER PK-70873-0239 (SEE SHEET I FOR FINISH SPECIFICATIONS)						DIMENSION			
PER ROW	TOTAL				I5 GOLD	30 GOLD	50 GOLD	A	B					I5 GOLD	30 GOLD	50 GOLD	A	B		D			
4	8				71973-7804	71973-7904	71973-8004	.300 (7.62)	.395 (10.03)					71973-7833	71973-7933	71973-8033	3.200 (81.28)	3.295 (83.69)		3.558 (90.37)			
5	10				71973-7805	71973-7905	71973-8005	.400 (10.16)	.495 (12.57)					71973-7834	71973-7934	71973-8034	3.300 (83.82)	3.395 (86.23)		3.658 (92.91)			
6	12				71973-7806	71973-7906	71973-8006	.500 (12.70)	.595 (15.11)					71973-7835	71973-7935	71973-8035	3.400 (86.36)	3.495 (88.77)		3.758 (95.45)			
7	14				71973-7807	71973-7907	71973-8007	.600 (15.24)	.695 (17.65)					71973-7836	71973-7936	71973-8036	3.500 (88.90)	3.595 (91.31)		3.858 (97.99)			
8	16				71973-7808	71973-7908	71973-8008	.700 (17.78)	.795 (20.19)														
9	18				71973-7809	71973-7909	71973-8009	.800 (20.32)	.895 (22.73)														
10	20				71973-7810	71973-7910	71973-8010	.900 (22.86)	.995 (25.27)														
11	22				71973-7811	71973-7911	71973-8011	1.000 (25.40)	1.095 (27.81)														
12	24				71973-7812	71973-7912	71973-8012	1.100 (27.94)	1.195 (30.35)														
13	26				71973-7813	71973-7913	71973-8013	1.200 (30.48)	1.295 (32.89)														
14	28				71973-7814	71973-7914	71973-8014	1.300 (33.02)	1.395 (35.43)														
15	30				71973-7815	71973-7915	71973-8015	1.400 (35.56)	1.495 (37.97)														
16	32				71973-7816	71973-7916	71973-8016	1.500 (38.10)	1.595 (40.51)														
17	34				71973-7817	71973-7917	71973-8017	1.600 (40.64)	1.695 (43.05)														
18	36				71973-7818	71973-7918	71973-8018	1.700 (43.18)	1.795 (45.59)														
19	38				71973-7819	71973-7919	71973-8019	1.800 (45.72)	1.895 (48.13)														
20	40				71973-7820	71973-7920	71973-8020	1.900 (48.26)	1.995 (50.67)														
21	42				71973-7821	71973-7921	71973-8021	2.000 (50.80)	2.095 (53.21)														
22	44				71973-7822	71973-7922	71973-8022	2.100 (53.34)	2.195 (55.75)														
23	46				71973-7823	71973-7923	71973-8023	2.200 (55.88)	2.295 (58.29)														
24	48				71973-7824	71973-7924	71973-8024	2.300 (58.42)	2.395 (60.83)														
25	50				71973-7825	71973-7925	71973-8025	2.400 (60.96)	2.495 (63.37)														
26	52				71973-7826	71973-7926	71973-8026	2.500 (63.50)	2.595 (65.91)														
27	54				71973-7827	71973-7927	71973-8027	2.600 (66.04)	2.695 (68.45)														
28	56				71973-7828	71973-7928	71973-8028	2.700 (68.58)	2.795 (70.99)														
29	58				71973-7829	71973-7929	71973-8029	2.800 (71.12)	2.895 (73.53)														
30	60				71973-7830	71973-7930	71973-8030	2.900 (73.66)	2.995 (76.07)														
31	62				71973-7831	71973-7931	71973-8031	3.000 (76.20)	3.095 (78.61)														
32	64				71973-7832	71973-7932	71973-8032	3.100 (78.74)	3.195 (81.15)														
ADD OPTION K & L EC NO: S2010-0534 DRWN:SKANG 2009/12/30 CHKD:ATSEE 2010/01/08 APPR:MLONG 2010/01/14 QUALITY SYMBOLS F_A=0 F_C=0 F_P=0 DESCRIPTION REV GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± --- 1 PLACE ± --- ± --- ANGULAR ± 1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS DIMENSION STYLE IN/MM SCALE NTS DESIGN UNITS INCH THIRD ANGLE PROJECTION DRAWN BY DATE DJB 1991/10/21 CHECKED BY DATE DJB 1991/10/21 APPROVED BY DATE MLONG 2010/01/14 MOLEX MOLEX INCORPORATED MATERIAL NO. SEE TABLE SIZE A3 DOCUMENT NO. SDA-71973-**** SHEET NO. 15 OF 26 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 E ASSEMBLY PACKAGED IN TUBES PER PK-70873-0138 (SEE SHEET I FOR FINISH SPECIFICATIONS)						DIMENSION				NO. OF CKTS		OPTION E ASSEMBLY PACKAGED IN TUBES PER PK-70873-0138 (SEE SHEET I FOR FINISH SPECIFICATIONS)						DIMENSION			
PER ROW	TOTAL			15 GOLD	30 GOLD	50 GOLD	A	B			PER ROW	TOTAL			15 GOLD	30 GOLD	50 GOLD	A	B				
4	8			71973-3404	71973-3504	71973-3604	.300 (7.62)	.395 (10.03)			34	68			71973-3434	71973-3534	71973-3634	3.300 (83.82)	3.395 (86.23)				
5	10			71973-3405	71973-3505	71973-3605	.400 (10.16)	.495 (12.57)			35	70			71973-3435	71973-3535	71973-3635	3.400 (86.36)	3.495 (88.77)				
6	12			71973-3406	71973-3506	71973-3606	.500 (12.70)	.595 (15.11)			36	72			71973-3436	71973-3536	71973-3636	3.500 (88.90)	3.595 (91.31)				
7	14			71973-3407	71973-3507	71973-3607	.600 (15.24)	.695 (17.65)															
8	16			71973-3408	71973-3508	71973-3608	.700 (17.78)	.795 (20.19)															
9	18			71973-3409	71973-3509	71973-3609	.800 (20.32)	.895 (22.73)															
10	20			71973-3410	71973-3510	71973-3610	.900 (22.86)	.995 (25.27)															
11	22			71973-3411	71973-3511	71973-3611	1.000 (25.40)	1.095 (27.81)															
12	24			71973-3412	71973-3512	71973-3612	1.100 (27.94)	1.195 (30.35)															
13	26			71973-3413	71973-3513	71973-3613	1.200 (30.48)	1.295 (32.89)															
14	28			71973-3414	71973-3514	71973-3614	1.300 (33.02)	1.395 (35.43)															
15	30			71973-3415	71973-3515	71973-3615	1.400 (35.56)	1.495 (37.97)															
16	32			71973-3416	71973-3516	71973-3616	1.500 (38.10)	1.595 (40.51)															
17	34			71973-3417	71973-3517	71973-3617	1.600 (40.64)	1.695 (43.05)															
18	36			71973-3418	71973-3518	71973-3618	1.700 (43.18)	1.795 (45.59)															
19	38			71973-3419	71973-3519	71973-3619	1.800 (45.72)	1.895 (48.13)															
20	40			71973-3420	71973-3520	71973-3620	1.900 (48.26)	1.995 (50.67)															
21	42			71973-3421	71973-3521	71973-3621	2.000 (50.80)	2.095 (53.21)															
22	44			71973-3422	71973-3522	71973-3622	2.100 (53.34)	2.195 (55.75)															
23	46			71973-3423	71973-3523	71973-3623	2.200 (55.88)	2.295 (58.29)															
24	48			71973-3424	71973-3524	71973-3624	2.300 (58.42)	2.395 (60.83)															
25	50			71973-3425	71973-3525	71973-3625	2.400 (60.96)	2.495 (63.37)															
26	52			71973-3426	71973-3526	71973-3626	2.500 (63.50)	2.595 (65.91)															
27	54			71973-3427	71973-3527	71973-3627	2.600 (66.04)	2.695 (68.45)															
28	56			71973-3428	71973-3528	71973-3628	2.700 (68.58)	2.795 (70.99)															
29	58			71973-3429	71973-3529	71973-3629	2.800 (71.12)	2.895 (73.53)															
30	60			71973-3430	71973-3530	71973-3630	2.900 (73.66)	2.995 (76.07)															
31	62			71973-3431	71973-3531	71973-3631	3.000 (76.20)	3.095 (78.61)															
32	64			71973-3432	71973-3532	71973-3632	3.100 (78.74)	3.195 (81.15)															
33	66			71973-3433	71973-3533	71973-3633	3.200 (81.28)	3.295 (83.69)															
*X" INDICATES TOOLING IS NOT AVAILABLE							ADD OPTION K & L EC NO: S2010-0534 2009/12/30 DRWN:SKANG CHKD:ATSEE 2010/01/08 APPR:MLONG 2010/01/14				QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE NTS		DESIGN UNITS INCH		THIRD ANGLE PROJECTION		
											$F_A=0$ $F_G=0$ $F_P=0$		4 PLACES $\pm$ --- $\pm$ --- 3 PLACES $\pm$ --- $\pm$.010 2 PLACES $\pm$ 0.25 $\pm$ --- 1 PLACE $\pm$ --- $\pm$ ---		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 INCORPORATED		SHEET NO. 16 OF 26				
							DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
fb_frame_A3_P_AM_T Rev. F 2009/06/18		9		8		7		6		5		4		3		2		1					

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	10		9		8		7		6		5		4		3		2		1															
F	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				F									
	PER ROW	TOTAL			15 GOLD	30 GOLD	50 GOLD	A	B					15 GOLD	30 GOLD	50 GOLD	A	B			E													
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)				E												
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)												D													
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)												C													
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)												B													
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)												A													
17	34				71973-8217	71973-8317	71973-8417	1.600 (40.64)	1.695 (43.05)																									
18	36				71973-8218	71973-8318	71973-8418	1.700 (43.18)	1.795 (45.59)																									
19	38				71973-8219	71973-8319	71973-8419	1.800 (45.72)	1.895 (48.13)																									
20	40				71973-8220	71973-8320	71973-8420	1.900 (48.26)	1.995 (50.67)																									
21	42				71973-8221	71973-8321	71973-8421	2.000 (50.80)	2.095 (53.21)																									
22	44				71973-8222	71973-8322	71973-8422	2.100 (53.34)	2.195 (55.75)																									
23	46				71973-8223	71973-8323	71973-8423	2.200 (55.88)	2.295 (58.29)																									
24	48				71973-8224	71973-8324	71973-8424	2.300 (58.42)	2.395 (60.83)																									
25	50				71973-8225	71973-8325	71973-8425	2.400 (60.96)	2.495 (63.37)																									
26	52				71973-8226	71973-8326	71973-8426	2.500 (63.50)	2.595 (65.91)																									
27	54				71973-8227	71973-8327	71973-8427	2.600 (66.04)	2.695 (68.45)																									
28	56				71973-8228	71973-8328	71973-8428	2.700 (68.58)	2.795 (70.99)																									
29	58				71973-8229	71973-8329	71973-8429	2.800 (71.12)	2.895 (73.53)																									
30	60				71973-8230	71973-8330	71973-8430	2.900 (73.66)	2.995 (76.07)																									
31	62				71973-8231	71973-8331	71973-8431	3.000 (76.20)	3.095 (78.61)																									
32	64				71973-8232	71973-8332	71973-8432	3.100 (78.74)	3.195 (81.15)																									
33	66				71973-8233	71973-8333	71973-8433	3.200 (81.28)	3.295 (83.69)																									
X INDICATES TOOLING IS NOT AVAILABLE.																						ADD OPTION K & L EC NO: S2010-0534 DRWN:SKANG 2009/12/30 CHKD:ATSEE 2010/01/08 APPR:MLONG 2010/01/14		DESCRIPTION REV	QUALITY SYMBOLS F=0 F=0 F=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE NTS	DESIGN UNITS INCH	THIRD ANGLE PROJECTION		A
																										DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		MATERIAL NO.		DOCUMENT NO.		
tb_frame_A3_P_AM_T Rev. F 2009/06/18		9	8	7	6	5	4	3	2	1	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																							

X INDICATES TOOLING IS NOT AVAILABLE.



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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)																																																																															
E										10										X 71973-5010										X 71973-5110										X 71973-5210										.900 (22.86)										.995 (25.27)																																																																															
										11										X 71973-5011										X 71973-5111										X 71973-5211										1.000 (25.40)										1.095 (27.81)																																																																															
										12										X 71973-5012										X 71973-5112										X 71973-5212										1.100 (27.94)										1.195 (30.35)																																																																															
										13										X 71973-5013										X 71973-5113										X 71973-5213										1.200 (30.48)										1.295 (32.89)																																																																															
										14										X 71973-5014										X 71973-5114										X 71973-5214										1.300 (33.02)										1.395 (35.43)																																																																															
										15										X 71973-5015										X 71973-5115										X 71973-5215										1.400 (35.56)										1.495 (37.97)																																																																															
D										16										X 71973-5016										X 71973-5116										X 71973-5216										1.500 (38.10)										1.595 (40.51)																																																																															
										17										X 71973-5017										X 71973-5117										X 71973-5217										1.600 (40.64)										1.695 (43.05)																																																																															
										18										X 71973-5018										X 71973-5118										X 71973-5218										1.700 (43.18)										1.795 (45.59)																																																																															
										19										X 71973-5019										X 71973-5119										X 71973-5219										1.800 (45.72)										1.895 (48.13)																																																																															
										20										X 71973-5020										X 71973-5120										X 71973-5220										1.900 (48.26)										1.995 (50.67)																																																																															
										21										X 71973-5021										X 71973-5121										X 71973-5221										2.000 (50.80)										2.095 (53.21)																																																																															
										22										X 71973-5022										X 71973-5122										X 71973-5222										2.100 (53.34)										2.195 (55.75)																																																																															
C										23										X 71973-5023										X 71973-5123										X 71973-5223										2.200 (55.88)										2.295 (58.29)																																																																															
										24										X 71973-5024										X 71973-5124										X 71973-5224										2.300 (58.42)										2.395 (60.83)																																																																															
										25										X 71973-5025										X 71973-5125										X 71973-5225										2.400 (60.96)										2.495 (63.37)																																																																															
										26										X 71973-5026										X 71973-5126										X 71973-5226										2.500 (63.50)										2.595 (65.91)																																																																															
										27										X 71973-5027										X 71973-5127										X 71973-5227										2.600 (66.04)										2.695 (68.45)																																																																															
										28										X 71973-5028										X 71973-5128										X 71973-5228										2.700 (68.58)										2.795 (70.99)																																																																															
B										29										X 71973-5029										X 71973-5129										X 71973-5229										2.800 (71.12)										2.895 (73.53)																																																																															
										30										X 71973-5030										X 71973-5130										X 71973-5230										2.900 (73.66)										2.995 (76.07)																																																																															
										31										X 71973-5031										X 71973-5131										X 71973-5231										3.000 (76.20)										3.095 (78.61)																																																																															
"X" INDICATES TOOLING IS NOT AVAILABLE.										ADD OPTION K & L EC NO: S2010-0534 DRWN:SKANG CHKD:ATSEE APPR:MLONG 2009/12/30 2010/01/08 2010/01/14										QUALITY SYMBOLS F _A =0 F _B =0 F _P =0										GENERAL TOLERANCES (UNLESS SPECIFIED)										DIMENSION STYLE IN/MM										SCALE NTS										DESIGN UNITS INCH										THIRD ANGLE PROJECTION																																																																					
																														4 PLACES ± --- ± ---										DRAWN BY DATE										TITLE																																																																																									
																														3 PLACES ± --- ± .010										CHECKED BY DATE										EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID																																																																																									
																														2 PLACES ± 0.25 ± ---										DJB 1991/10/21										MOLEX INCORPORATED																																																																																									
																														1 PLACE ± --- ± ---										APPROVED BY DATE										MATERIAL NO. SEE TABLE										DOCUMENT NO. SDA-71973-****										SHEET NO. 20 OF 26																																																																					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										SIZE A3										THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																																																																																																																							
tb_frame_A3_P_AM_T Rev. F 2009/06/18										9										8										7										6										5										4										3										2										1																																																	

10		9		8		7		6		5		4		3		2		1							
F	NO. OF CKTS		OPTION H ASSEMBLY PACKAGED IN TUBES PER PK-70873-0139 (SEE SHEET I FOR FINISH SPECIFICATIONS)						DIMENSION				NO. OF CKTS	OPTION H ASSEMBLY PACKAGED IN TUBES PER PK-70873-0139 (SEE SHEET I FOR FINISH SPECIFICATIONS)						DIMENSION					
	PER ROW	TOTAL			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	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)			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)			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)			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)			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)			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)													
	11	22			X	71973-5811	X	71973-5911	X	71973-6011	1.000 (25.40)	1.095 (27.81)													
	12	24			X	71973-5812	X	71973-5912	X	71973-6012	1.100 (27.94)	1.195 (30.35)													
	13	26			X	71973-5813	X	71973-5913	X	71973-6013	1.200 (30.48)	1.295 (32.89)													
	14	28			X	71973-5814	X	71973-5914	X	71973-6014	1.300 (33.02)	1.395 (35.43)													
	15	30			X	71973-5815	X	71973-5915	X	71973-6015	1.400 (35.56)	1.495 (37.97)													
	16	32			X	71973-5816	X	71973-5916	X	71973-6016	1.500 (38.10)	1.595 (40.51)													
D	17	34			X	71973-5817	X	71973-5917	X	71973-6017	1.600 (40.64)	1.695 (43.05)													
	18	36			X	71973-5818	X	71973-5918	X	71973-6018	1.700 (43.18)	1.795 (45.59)													
	19	38			X	71973-5819	X	71973-5919	X	71973-6019	1.800 (45.72)	1.895 (48.13)													
	20	40			X	71973-5820	X	71973-5920	X	71973-6020	1.900 (48.26)	1.995 (50.67)													
	21	42			X	71973-5821	X	71973-5921	X	71973-6021	2.000 (50.80)	2.095 (53.21)													
C	22	44			X	71973-5822	X	71973-5922	X	71973-6022	2.100 (53.34)	2.195 (55.75)													
	23	46			X	71973-5823	X	71973-5923	X	71973-6023	2.200 (55.88)	2.295 (58.29)													
	24	48			X	71973-5824	X	71973-5924	X	71973-6024	2.300 (58.42)	2.395 (60.83)													
	25	50			X	71973-5825	X	71973-5925	X	71973-6025	2.400 (60.96)	2.495 (63.37)													
	26	52			X	71973-5826	X	71973-5926	X	71973-6026	2.500 (63.50)	2.595 (65.91)													
B	27	54			X	71973-5827	X	71973-5927	X	71973-6027	2.600 (66.04)	2.695 (68.45)													
	28	56			X	71973-5828	X	71973-5928	X	71973-6028	2.700 (68.58)	2.795 (70.99)													
	29	58			X	71973-5829	X	71973-5929	X	71973-6029	2.800 (71.12)	2.895 (73.53)													
	30	60			X	71973-5830	X	71973-5930	X	71973-6030	2.900 (73.66)	2.995 (76.07)													

X INDICATES TOOLING IS NOT AVAILABLE.

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

QUALITY SYMBOLS
F_A=0
F_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
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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

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(60.96)										2.495 (63.37)										2.500 (63.50)										2.595 (65.91)										2.600 (66.04)										2.695 (68.45)										2.700 (68.58)										2.795 (70.99)										2.800 (71.12)										2.895 (73.53)										2.900 (73.66)										2.995 (76.07)										3.000 (76.20)										3.095 (78.61)										3.100 (78.74)										3.195 (81.15)										3.200 (81.28)										3.295 (83.69)										3.300 (83.82)										3.395 (86.23)										3.400 (86.36)										3.495 (88.77)										3.500 (88.90)										3.595 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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										IS GOLD 30 GOLD 50 GOLD										A B D										PER ROW TOTAL										IS GOLD 30 GOLD 50 GOLD										A B D																																																	
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)																																																																															
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)																																																																															
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)																																																																															
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)																																																																															
31 62										X 71973-9431 X 71973-9531 X 71973-9631										3.000 (76.20) 3.095 (78.61) 3.358 (85.29)																																																																															
32 64										X 71973-9432 X 71973-9532 X 71973-9632										3.100 (78.74) 3.195 (81.15) 3.458 (87.83)																																																																															
X INDICATES TOOLING IS NOT AVAILABLE										ADD OPTION K & L EC NO: S2010-0534 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 TITLE EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID MOLEX MOLEX INCORPORATED										DESIGN UNITS INCH THIRD ANGLE PROJECTION										SHEET NO. 23 OF 26																													
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										SIZE A3										THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																																																																															
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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)													
	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				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 EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID MOLEX INCORPORATED				SHEET NO. 24 OF 26							
																DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE				MATERIAL NO.				DOCUMENT NO.				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
																		SIZE A3																					
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 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				F							
	PER ROW	TOTAL			15 GOLD		30 GOLD		50 GOLD		A	B			15 GOLD		30 GOLD		50 GOLD		A	B										
	4	8			71973-6204		71973-6304		71973-6404		.300 (7.62)	.395 (10.03)			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)			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)			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)			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)			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)																				
	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)																				
D	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)																				
	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)																				
B	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)																				
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 _G =0 F _P =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		DOCUMENT NO. SDA-71973-****		SHEET NO. 25 OF 26	
											K		REV		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
tb_frame_A3_P_AM_T Rev. F 2009/06/18										9		8		7		6		5		4		3		2		1						

10										9						8						7						6						5						4						3						2						1																																	
NO. OF CKTS										OPTION L ASSEMBLY PACKAGED IN TUBES PER PK-70873-0138 (SEE SHEET I FOR FINISH SPECIFICATIONS)																		DIMENSION																		NO. OF CKTS										OPTION L ASSEMBLY PACKAGED IN TUBES PER PK-70873-0138 (SEE SHEET I FOR FINISH SPECIFICATIONS)																		DIMENSION																	
PER ROW TOTAL										15 GOLD						30 GOLD						50 GOLD						A		B						PER ROW TOTAL										15 GOLD						30 GOLD						50 GOLD						A		B																									
4 8										71973-5404						71973-5504						71973-5604						.300 (7.62)		.395 (10.03)						31 62										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)						32 64										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)						33 66										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)						34 68										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)						35 70										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)						36 72										71973-5436						71973-5536						71973-5636						3.500 (88.90)		3.595 (91.31)																									
10 20										71973-5410						71973-5510						71973-5610						.900 (22.86)		.995 (25.27)																																																													
11 22										71973-5411						71973-5511						71973-5611						1.000 (25.40)		1.095 (27.81)																																																													
12 24										71973-5412						71973-5512						71973-5612						1.100 (27.94)		1.195 (30.35)																																																													
13 26										71973-5413						71973-5513						71973-5613						1.200 (30.48)		1.295 (32.89)																																																													
14 28										71973-5414						71973-5514						71973-5614						1.300 (33.02)		1.395 (35.43)																																																													
15 30										71973-5415						71973-5515						71973-5615						1.400 (35.56)		1.495 (37.97)																																																													
16 32										71973-5416						71973-5516						71973-5616						1.500 (38.10)		1.595 (40.51)																																																													
17 34										71973-5417						71973-5517						71973-5617						1.600 (40.64)		1.695 (43.05)																																																													
18 36										71973-5418						71973-5518						71973-5618						1.700 (43.18)		1.795 (45.59)																																																													
19 38										71973-5419						71973-5519						71973-5619						1.800 (45.72)		1.895 (48.13)																																																													
20 40										71973-5420						71973-5520						71973-5620						1.900 (48.26)		1.995 (50.67)																																																													
21 42										71973-5421						71973-5521						71973-5621						2.000 (50.80)		2.095 (53.21)																																																													
22 44										71973-5422						71973-5522						71973-5622						2.100 (53.34)		2.195 (55.75)																																																													
23 46										71973-5423						71973-5523						71973-5623						2.200 (55.88)		2.295 (58.29)																																																													
24 48										71973-5424						71973-5524						71973-5624						2.300 (58.42)		2.395 (60.83)																																																													
25 50										71973-5425						71973-5525						71973-5625						2.400 (60.96)		2.495 (63.37)																																																													
26 52										71973-5426						71973-5526						71973-5626						2.500 (63.50)		2.595 (65.91)																																																													
27 54										71973-5427						71973-5527						71973-5627						2.600 (66.04)		2.695 (68.45)																																																													
28 56										71973-5428						71973-5528						71973-5628						2.700 (68.58)		2.795 (70.99)																																																													
29 58										71973-5429						71973-5529						71973-5629						2.800 (71.12)		2.895 (73.53)																																																													
30 60										71973-5430						71973-5530						71973-5630						2.900 (73.66)		2.995 (76.07)																																																													
"X" INDICATES TOOLING IS NOT AVAILABLE										ADD OPTION K & L EC NO: S2010-0534 2009/12/30 DRWN:SKANG 2010/01/08 CHKD:ATSEE 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		TITLE																																																							
																														4 PLACES ± --- ± ---		± ---		DJB 1991/10/21		EARLY ENTRY R/A RECPT																																																							
																														3 PLACES ± --- ± .010		± .010		CHECKED BY DATE		.120"PC TAIL W/O LOWER																																																							
																														2 PLACES ± 0.25 ± ---		± ---		DJB 1991/10/21		ROW PINSTOP-.100" GRID																																																							
A										K																		REV		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																																																					
																														APPROVED BY DATE				MATERIAL NO.		DOCUMENT NO.		SHEET NO.																																																					
																														MLONG 2010/01/14				SEE TABLE		SDA-71973-****		26 OF 26																																																					
tb_frame_A3_P_AM_T Rev. F 2009/06/18										9						8						7						6						5						4						3						2						1																																	