

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0719731004

Status:

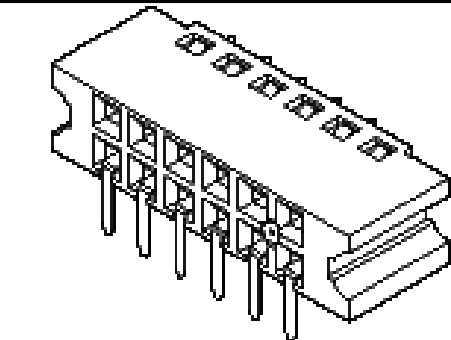
Active

Overview:

cgrid_sl_products

Description:

2.54mm (.100") Pitch C-Grid® PCB Connector, Dual Row, Right Angle, Early Entry Receptacle, with Flange, 8 Circuits



Series
image - Reference only

Documents:

- [3D Model](#)
- [Drawing \(PDF\)](#)
- [Product Specification PS-71973-9999 \(PDF\)](#)
- [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)	8
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

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:

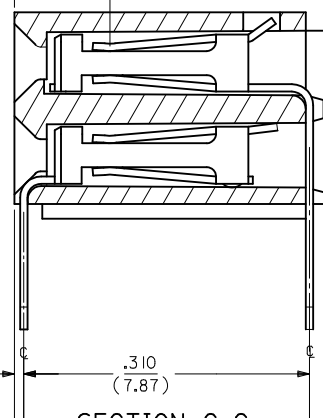
- 1.) MATERIAL -
INSULATOR - LCP, UL 94V-0, COLOR BLACK
CONTACTS - PHOSPHOR BRONZE
- 2.) SEE SHT. 5 & 6 FOR CHART DIMENSIONS AND EDP NO.'S
- 3.) RECOMMENDED MATING PIN LENGTH:
LOWER ROW - .200" MIN., .285" MAX.
UPPER ROW - .200" MIN.
- 4.) REFER TO PRODUCT SPECIFICATION PS-71973-9999 FOR PERFORMANCE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

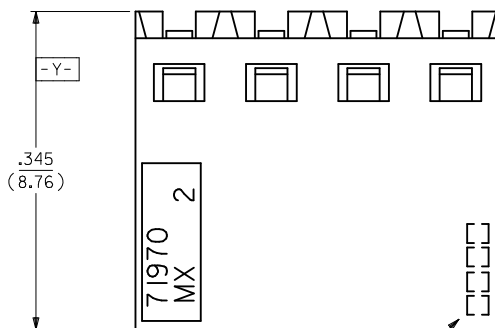
- 15 GOLD .000015 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000075 MINIMUM TIN PLATE IN SELECT AREA.
- 30 GOLD .000030 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000075 MINIMUM TIN PLATE IN SELECT AREA.
- 50 GOLD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

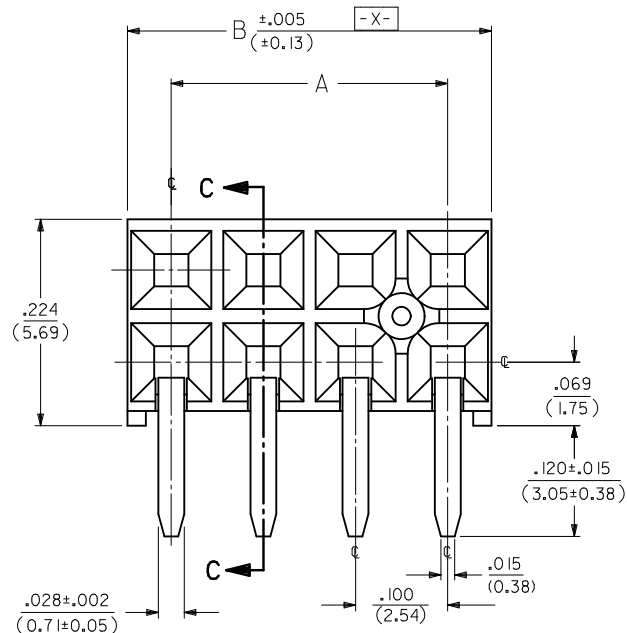
POINT OF
CONTACT



SECTION C-C



4 DIGIT DATE CODE
SEE NOTE 5

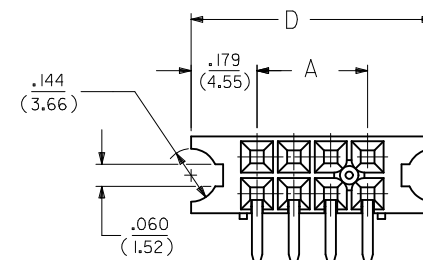
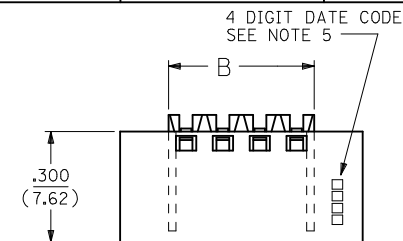


- ⊕ Ø.015(5) TAIL TO TAIL
⊕ Ø.020(5) X(5) Y(5) TAIL TO INSULATOR

OPTION "A" ASSEMBLY
STANDARD HOUSING

NOTE FOR LEAD FREE CONVERSION:

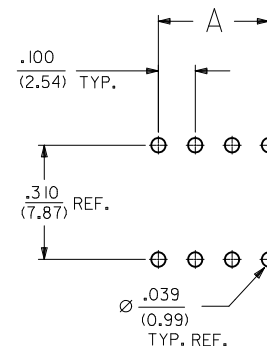
THE PRIMARY SHIPPING CARTON WILL BE
LABELED "COMPLIANT TO RoHS DIRECTIVE
2002/95/EC AND ELV ANNEX II OF
DIRECTIVE 2000/53/EC". CARTONS WITHOUT
THIS LABEL MAY CONTAIN PRODUCT WITH
LEAD.



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

REFER TO OPT. A FOR ALL OTHER INFORMATION

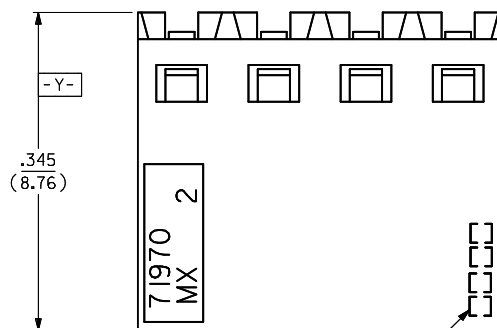
OPTION "J" ASSEMBLY
OPTION "J" IS THE SAME AS OPTION "B" EXCEPT
DATE CODE IS NOT STAMPED ON HOUSING.



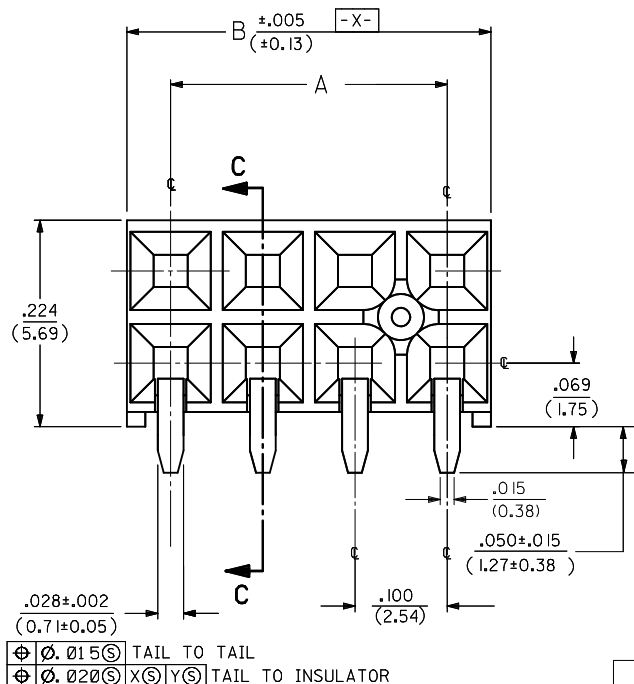
RECOMMENDED P.C.B.
LAYOUT

ADD OPTION K & L EC NO: S2010-0534 2009/12/30 DRWN:KANG 2010/01/08 CHKD:ATSEE 2010/01/14 APPR:MLONG	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 MOLEX INCORPORATED		
			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	DOCUMENT NO. SDA-71973-****		SHEET NO. 1 OF 26
			ANGULAR ±1/2°		MATERIAL NO.				
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE				
K	REV				SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

9 8 7 6 5 4 3 2 1



4 DIGIT DATE CODE
SEE NOTE 5



OPTION "C" ASSEMBLY
STANDARD HOUSING

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

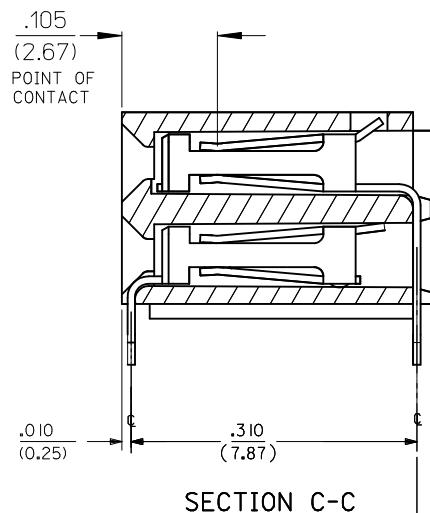
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Rev. F 2009/06/18

NOTES:

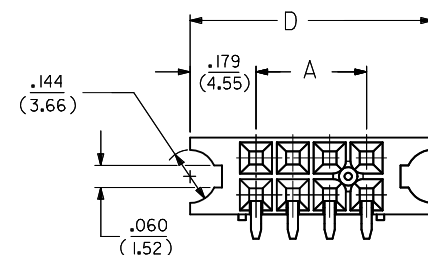
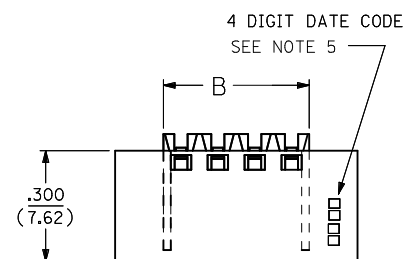
- 1.) MATERIAL-
INSULATOR - LCP, UL 94V-0, COLOR BLACK
CONTACTS - PHOSPHOR BRONZE
- 2.) SEE SHT. 9 & 10 FOR CHART DIMENSIONS AND EDP NO.'S
- 3.) RECOMMENDED MATING PIN LENGTH:
LOWER ROW - .200" MIN., .285" MAX.
UPPER ROW - .200" MIN.
- 4.) REFER TO PRODUCT SPECIFICATION PS-71973-9999 FOR
PERFORMANCE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

FINISHES

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

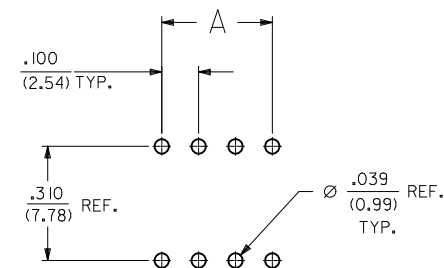


SECTION C-C



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

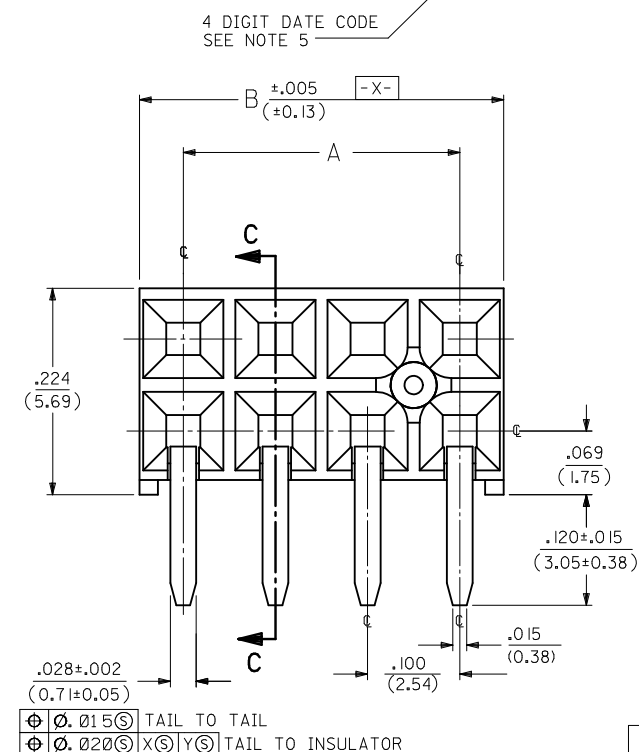
REFER TO OPT. C FOR ALL OTHER INFORMATION



RECOMMENDED P.C.B. LAYOUT

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

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



OPTION "E" ASSEMBLY

STANDARD HOUSING

NOTE FOR LEAD FREE CONVERSION:

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

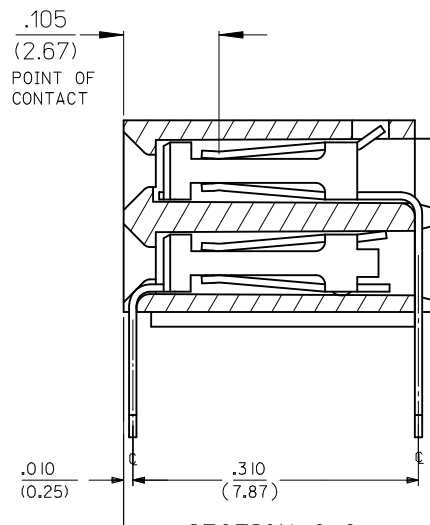
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Rev. F 2009/06/18

NOTES:

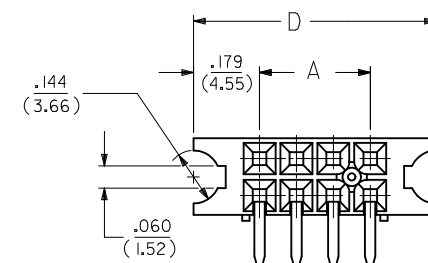
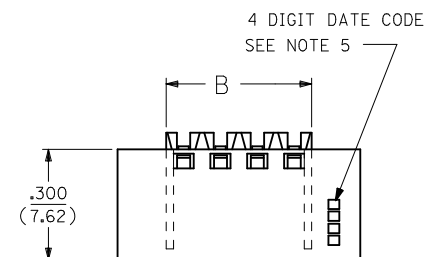
- 1.) MATERIAL-
INSULATOR - LCP, UL 94V-0, COLOR BLACK
CONTACTS - PHOSPHOR BRONZE
- 2.) SEE SHT. 13 & 14 FOR CHART DIMENSIONS AND EDP NO.'S
- 3.) RECOMMENDED MATING PIN LENGTH:
LOWER ROW - .200" MIN., .250" MAX.
UPPER ROW - .200" MIN.
- 4.) REFER TO PRODUCT SPECIFICATION PS-71973-9999 FOR
PERFORMANCE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

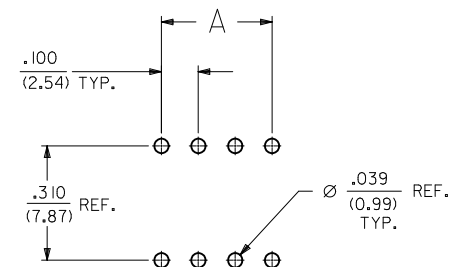


SECTION C-C



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

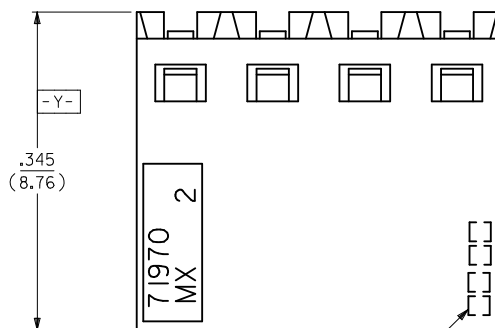
REFER TO OPT.E FOR ALL OTHER INFORMATION



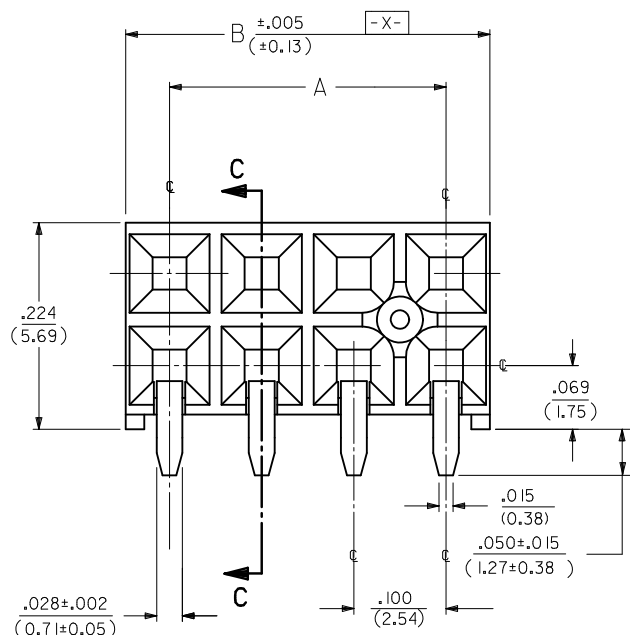
RECOMMENDED P.C.B. LAYOUT

ADD OPTION K & L EC NO: S2010-0534 2009/12/30 DRWNS:KANG 2010/01/08 CHKD:ATSEE 2010/01/14 APPR:MLONG	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE NTS	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION
		F_A=0 F_C=0 F_P=0	mm INCH	DRAWN BY DATE	TITLE	EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID			
			4 PLACES ± --- ± ---	DJB1991/10/21	CHECKED BY DATE				
			3 PLACES ± --- ± .010	DJB1991/10/21	APPROVED BY DATE	 MOLEX INCORPORATED			
			2 PLACES ± 0.25 ± ---	MLONG2010/01/14	MATERIAL NO. SEE TABLE				
K		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					

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

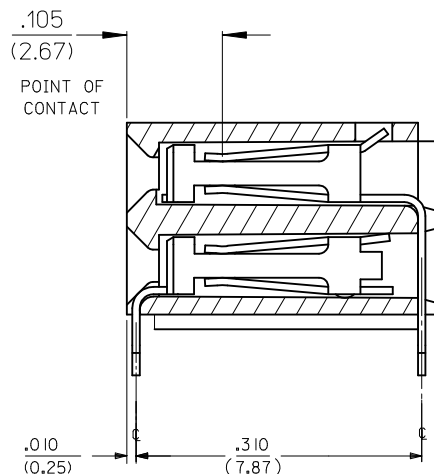
NOTE FOR LEAD FREE CONVERSION:

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.

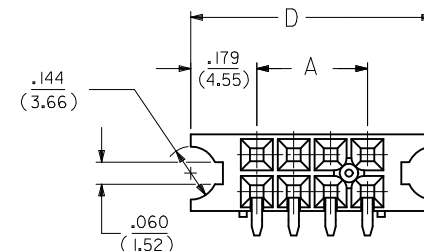
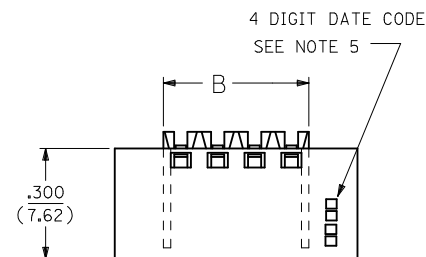
- NOTES:**
- 1.) MATERIAL -
INSULATOR - LCP, UL 94V-0, COLOR BLACK
CONTACTS - PHOSPHOR BRONZE
 - 2.) SEE SHT. 17 & 18 FOR CHART DIMENSIONS AND EDP NO.'S
 - 3.) RECOMMENDED MATING PIN LENGTH:
LOWER ROW - .200" MIN., .250" MAX.
UPPER ROW - .200" MIN.
 - 4.) REFER TO PRODUCT SPECIFICATION PS-71973-9999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

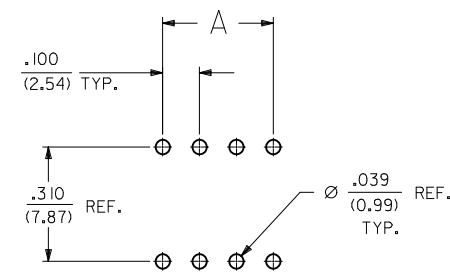
- 15 GOLD .000015 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000075 MINIMUM TIN PLATE IN SELECT AREA.
- 30 GOLD .000030 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000075 MINIMUM TIN PLATE IN SELECT AREA.
- 50 GOLD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



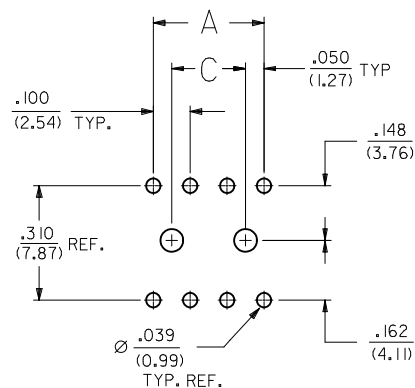
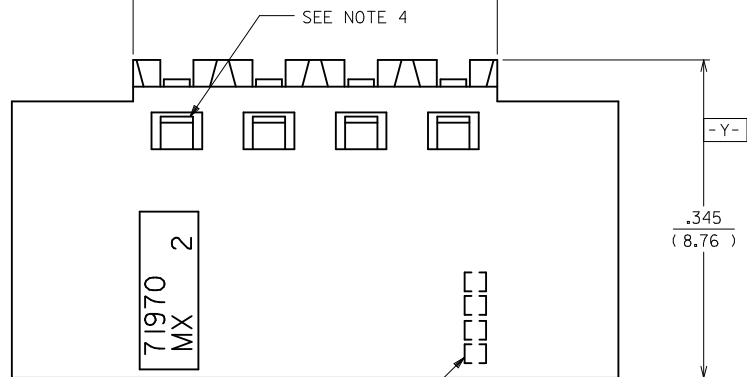
OPTION "H" ASSEMBLY
STD. HOUSING W/MOUNTING EARS
AND LOWER PINSTOP
SCALE 4:1
REFER TO OPT. G FOR ALL OTHER INFORMATION



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 MOLEX MOLEX INCORPORATED		
			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			
			ANGULAR ±1/2°		MATERIAL NO.				
K	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SDA-71973-****		4 OF 26	
				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

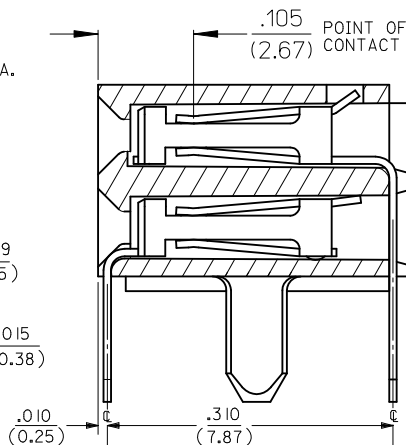
10 9 8 7 6 5 4 3 2 1



RECOMMENDED P.C.B.
LAYOUT

SCALE 4:1

SECTION D-D



NOTES:

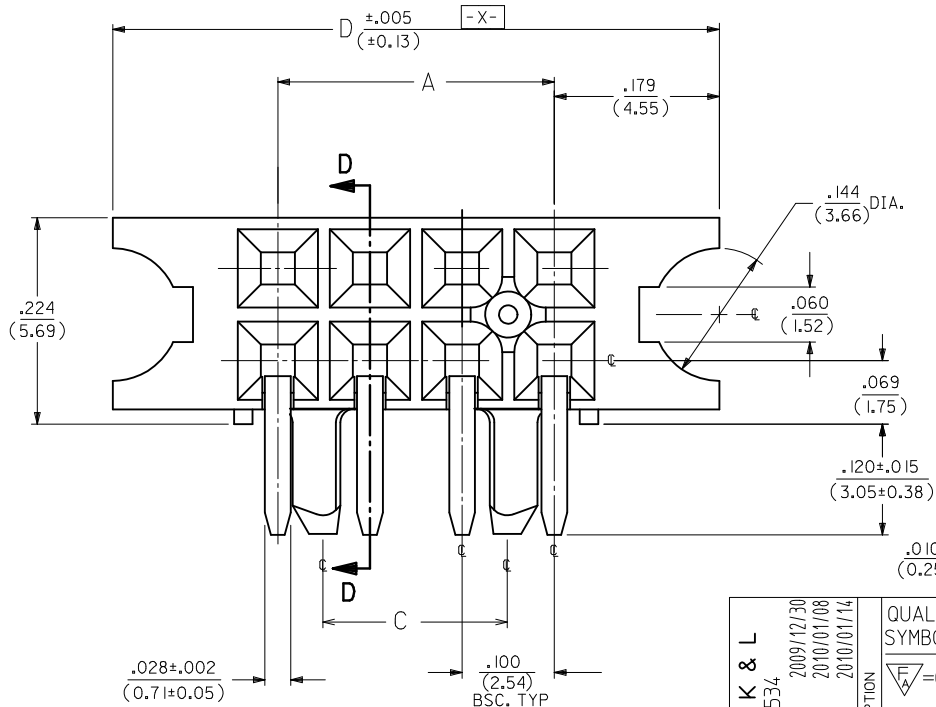
- 1.) MATERIAL -
INSULATOR - LCP, UL 94V-0, COLOR BLACK
CONTACTS - PHOSPHOR BRONZE
- 2.) SEE SHT. 22 FOR CHART DIMENSIONS AND ITEM NO.'S
- 3.) RECOMMENDED MATING PIN LENGTH:
LOWER ROW - .200" MINIMUM, .285" MAX.
UPPER ROW - .200" MINIMUM
- 4.) REFER TO PRODUCT SPECIFICATION PS-71973-9999 FOR PERFORMANCE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

FINISHES PER ES-88-(***)

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

NOTE FOR LEAD FREE CONVERSION:

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



Ø.015 TAIL TO TAIL
Ø.020 X S Y TAIL TO INSULATOR
(SEE NOTE 7)

OPTION "I" ASSEMBLY

STANDARD HOUSING W/ PEGS AND MOUNTING EARS

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

GENERAL TOLERANCES (UNLESS SPECIFIED)	
mm	INCH
4 PLACES ± ---	± ---
3 PLACES ± ---	± .010
2 PLACES ± 0.25	± ---
1 PLACE ± ---	± ---
ANGULAR ± 1/2°	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

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

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

9 8 7 6 5 4 3 2 1

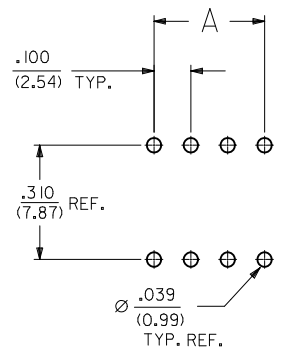
FINISHES

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

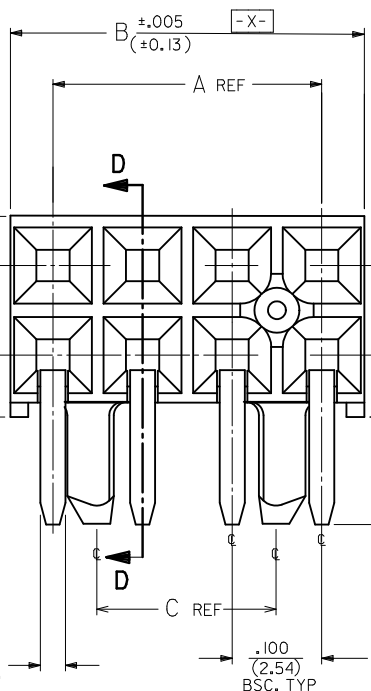
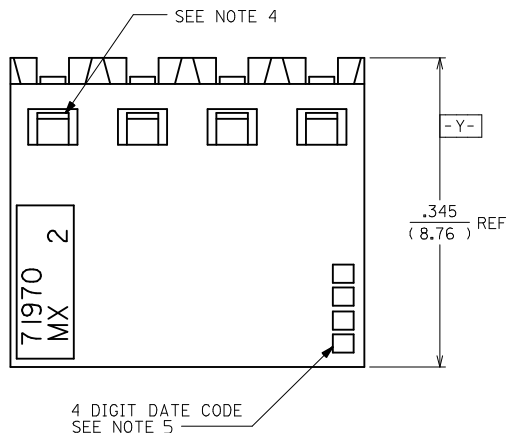
NOTES:

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

SECTION D-D



RECOMMENDED P.C.B.
LAYOUT



.105
(2.67)
POINT OF
CONTACT

.069
(1.75) REF

.120±.015
(3.05±0.38)

.010
(0.25)

.310
(7.87) BSC.

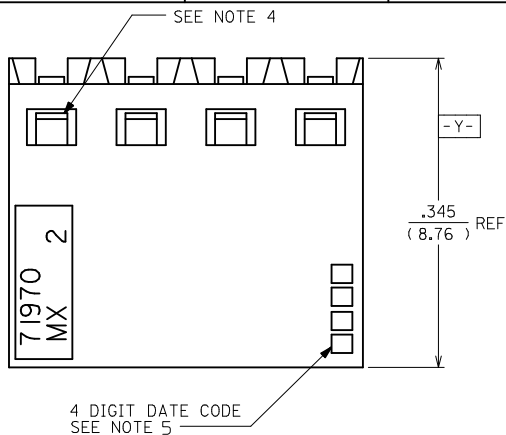
.028±.002
(0.71±0.05)

⌀.015 (S) TAIL TO TAIL
⌀.020 (S) X(S) Y(S) TAIL TO INSULATOR
(SEE NOTE 8)

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 INCH		IN/MM		NTS		INCH			
2009/12/30			DRWN:SKANG		4 PLACES ± --- ± ---		DRAWN BY DATE		TITLE		EARLY ENTRY R/A RECPT			
2010/01/08			CHKD:ATSEE		3 PLACES ± --- ± .010		CHECKED BY DATE				.120"PC TAIL W/O LOWER			
2010/01/14			APPR:MLONG		2 PLACES ± 0.25 ± ---		DJB 1991/10/21				ROW PINSTOP-.100" GRID			
					1 PLACE ± --- ± ---		APPROVED BY DATE				MOLEX MOLEX INCORPORATED			
					ANGULAR ±1/2°		MLONG 2010/01/14		DOCUMENT NO.		SDA-71973-****		SHEET NO.	
					DRAFT WHERE APPLICABLE		MATERIAL NO.						6 OF 26	
					MUST REMAIN		SEE TABLE							
					WITHIN DIMENSIONS		SIZE							
K			REV				A3							

10 9 8 7 6 5 4 3 2 1



FINISHES

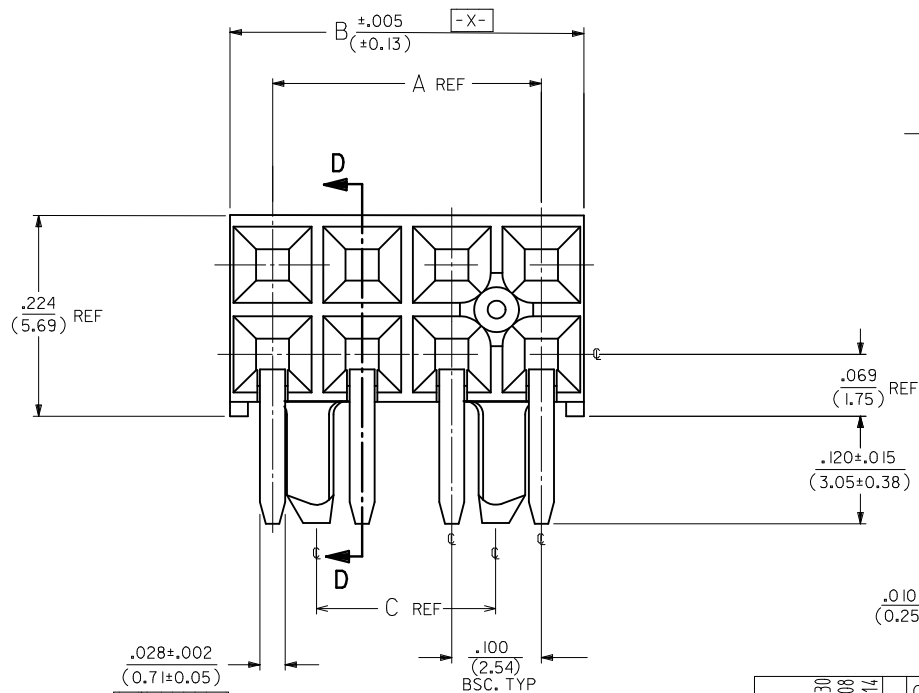
15 GOLD .000015 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000075 MINIMUM TIN PLATE IN SELECT AREA.

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

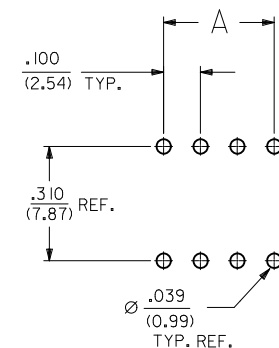
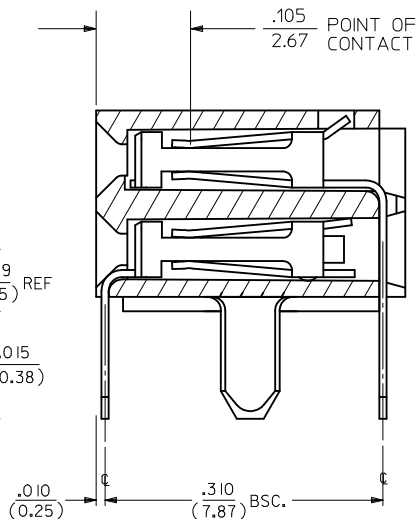
50 GOLD .000050 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000100 MINIMUM TIN PLATE IN SELECT AREA.

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. SEE TABLE		DOCUMENT NO. SDA-71973-****		SHEET NO. 7 OF 26
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		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

10		9		8		7		6		5		4		3		2		1					
NO. OF CKTS		OPTION A ASSEMBLY PACKAGED IN TUBES PER PK-70873-0138 (SEE SHEET I FOR FINISH SPECIFICATIONS)						DIMENSION				NO. OF CKTS		OPTION A ASSEMBLY PACKAGED IN TUBES PER PK-70873-0138 (SEE SHEET I FOR FINISH SPECIFICATIONS)						DIMENSION			
PER ROW	TOTAL			15 GOLD	30 GOLD	50 GOLD	A	B			PER ROW	TOTAL			15 GOLD	30 GOLD	50 GOLD	A	B				
4	8			71973-0204	71973-0304	71973-0404	.300 (7.62)	.395 (10.03)			33	66			71973-0233	71973-0333	71973-0433	3.200 (81.28)	3.295 (83.69)				
5	10			71973-0205	71973-0305	71973-0405	.400 (10.16)	.495 (12.57)			34	68			71973-0234	71973-0334	71973-0434	3.300 (83.82)	3.395 (86.23)				
6	12			71973-0206	71973-0306	71973-0406	.500 (12.70)	.595 (15.11)			35	70			71973-0235	71973-0335	71973-0435	3.400 (86.36)	3.495 (88.77)				
7	14			71973-0207	71973-0307	71973-0407	.600 (15.24)	.695 (17.65)			36	72			71973-0236	71973-0336	71973-0436	3.500 (88.90)	3.595 (91.31)				
8	16			71973-0208	71973-0308	71973-0408	.700 (17.78)	.795 (20.19)															
9	18			71973-0209	71973-0309	71973-0409	.800 (20.32)	.895 (22.73)															
10	20			71973-0210	71973-0310	71973-0410	.900 (22.86)	.995 (25.27)															
11	22			71973-0211	71973-0311	71973-0411	1.000 (25.40)	1.095 (27.81)															
12	24			71973-0212	71973-0312	71973-0412	1.100 (27.94)	1.195 (30.35)															
13	26			71973-0213	71973-0313	71973-0413	1.200 (30.48)	1.295 (32.89)															
14	28			71973-0214	71973-0314	71973-0414	1.300 (33.02)	1.395 (35.43)															
15	30			71973-0215	71973-0315	71973-0415	1.400 (35.56)	1.495 (37.97)															
16	32			71973-0216	71973-0316	71973-0416	1.500 (38.10)	1.595 (40.51)															
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)															
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		TITLE										
									4 PLACES ± --- ± ---		DJB 1991/10/21		EARLY ENTRY R/A RECPT										
									3 PLACES ± --- ± .010		CHECKED BY DATE		.120"PC TAIL W/O LOWER										
K							REV		2 PLACES ± 0.25 ± ---		DJB 1991/10/21		MOLEX		MOLEX INCORPORATED								
									1 PLACE ± --- ± ---		APPROVED BY DATE												
									ANGULAR ± 1/2°		MLONG 2010/01/14												
									DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.		SHEET NO.								
A							A3		SEE TABLE		SDA-71973-****		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		9		8		7		6		5		4		3		2		1					

tb_frame_A3_P_AM_T
Rev. F 2009/06/18

tb_frame_A3_P_AM_T
Rev. F 2009/06/18

[illegible]

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 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

987654321

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			D	PER ROW	TOTAL			I5 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=0 F=0 F=0		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE NTS	DESIGN UNITS INCH	THIRD ANGLE PROJECTION													
														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 SDA-71973-**** 15 OF 26											
										3 PLACES		± ---	± .010	CHECKED BY DATE															
2 PLACES		± 0.25	± ---	DJB		1991/10/21																							
1 PLACE		± ---	± ---	APPROVED BY DATE		MLONG 2010/01/14		MATERIAL NO.		DOCUMENT NO.																			
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		
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							
																				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			SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						SHEET NO. 16 OF 26							
fb_frame_A3_P_AM_T Rev. F 2009/06/18			9			8			7			6			5			4			3			2			1		

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 E ASSEMBLY PACKAGED IN TRAYS PER PK-70873-0239 (SEE SHEET I FOR FINISH SPECIFICATIONS)						DIMENSION				NO. OF CKTS		OPTION E ASSEMBLY PACKAGED IN TRAYS PER PK-70873-0239 (SEE SHEET I FOR FINISH SPECIFICATIONS)						DIMENSION			
PER ROW	TOTAL			15 GOLD	30 GOLD	50 GOLD	A	B					15 GOLD	30 GOLD	50 GOLD	A	B						
4	8			71973-8204	71973-8304	71973-8404	.300 (7.62)	.395 (10.03)					71973-8234	71973-8334	71973-8434	3.300 (83.82)	3.395 (86.23)						
5	10			71973-8205	71973-8305	71973-8405	.400 (10.16)	.495 (12.57)					71973-8235	71973-8335	71973-8435	3.400 (86.36)	3.495 (88.77)						
6	12			71973-8206	71973-8306	71973-8406	.500 (12.70)	.595 (15.11)					71973-8236	71973-8336	71973-8436	3.500 (88.90)	3.595 (91.31)						
7	14			71973-8207	71973-8307	71973-8407	.600 (15.24)	.695 (17.65)															
8	16			71973-8208	71973-8308	71973-8408	.700 (17.78)	.795 (20.19)															
9	18			71973-8209	71973-8309	71973-8409	.800 (20.32)	.895 (22.73)															
10	20			71973-8210	71973-8310	71973-8410	.900 (22.86)	.995 (25.27)															
11	22			71973-8211	71973-8311	71973-8411	1.000 (25.40)	1.095 (27.81)															
12	24			71973-8212	71973-8312	71973-8412	1.100 (27.94)	1.195 (30.35)															
13	26			71973-8213	71973-8313	71973-8413	1.200 (30.48)	1.295 (32.89)															
14	28			71973-8214	71973-8314	71973-8414	1.300 (33.02)	1.395 (35.43)															
15	30			71973-8215	71973-8315	71973-8415	1.400 (35.56)	1.495 (37.97)															
16	32			71973-8216	71973-8316	71973-8416	1.500 (38.10)	1.595 (40.51)															
17	34			71973-8217	71973-8317	71973-8417	1.600 (40.64)	1.695 (43.05)															
18	36			71973-8218	71973-8318	71973-8418	1.700 (43.18)	1.795 (45.59)															
19	38			71973-8219	71973-8319	71973-8419	1.800 (45.72)	1.895 (48.13)															
20	40			71973-8220	71973-8320	71973-8420	1.900 (48.26)	1.995 (50.67)															
21	42			71973-8221	71973-8321	71973-8421	2.000 (50.80)	2.095 (53.21)															
22	44			71973-8222	71973-8322	71973-8422	2.100 (53.34)	2.195 (55.75)															
23	46			71973-8223	71973-8323	71973-8423	2.200 (55.88)	2.295 (58.29)															
24	48			71973-8224	71973-8324	71973-8424	2.300 (58.42)	2.395 (60.83)															
25	50			71973-8225	71973-8325	71973-8425	2.400 (60.96)	2.495 (63.37)															
26	52			71973-8226	71973-8326	71973-8426	2.500 (63.50)	2.595 (65.91)															
27	54			71973-8227	71973-8327	71973-8427	2.600 (66.04)	2.695 (68.45)															
28	56			71973-8228	71973-8328	71973-8428	2.700 (68.58)	2.795 (70.99)															
29	58			71973-8229	71973-8329	71973-8429	2.800 (71.12)	2.895 (73.53)															
30	60			71973-8230	71973-8330	71973-8430	2.900 (73.66)	2.995 (76.07)															
31	62			71973-8231	71973-8331	71973-8431	3.000 (76.20)	3.095 (78.61)															
32	64			71973-8232	71973-8332	71973-8432	3.100 (78.74)	3.195 (81.15)															
33	66			71973-8233	71973-8333	71973-8433	3.200 (81.28)	3.295 (83.69)															
X INDICATES TOOLING IS NOT AVAILABLE.							ADD OPTION K & L EC NO: S2010-0534 2009/12/30 DRWN:SKANG CHKD:ATSEE 2010/01/08 APPR:MLONG 2010/01/14		QUALITY SYMBOLS F=0 F=0 F=0		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE NTS		DESIGN UNITS INCH		THIRD ANGLE PROJECTION				
											mm		INCH		DRAWN BY DJB		DATE 1991/10/21				TITLE EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID MOLEX INCORPORATED		
											4 PLACES ± ---		± ---		CHECKED BY		DATE						
											3 PLACES ± ---		± .010		DJB		1991/10/21						
2 PLACES ± 0.25		± ---		APPROVED BY		DATE		MATERIAL NO.		DOCUMENT NO.		SHEET NO.											
1 PLACE ± ---		± ---		MLONG		2010/01/14																	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							ANGULAR ±1/2°		SEE TABLE		SDA-71973-****		18 OF 26										
									THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														
tb_frame_A3_P_AM_T Rev. F 2009/06/18		9		8		7		6		5		4		3		2		1					

	10		9		8		7		6		5		4		3		2		1				
F	NO. OF CKTS		OPTION F ASSEMBLY PACKAGED IN TRAYS PER PK-70873-0239 (SEE SHEET I FOR FINISH SPECIFICATIONS)					DIMENSION				NO. OF CKTS		OPTION F ASSEMBLY PACKAGED IN TRAYS PER PK-70873-0239 (SEE SHEET I FOR FINISH SPECIFICATIONS)					DIMENSION				F
	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			71973-8604	71973-8704	71973-8804	.300 (7.62)	.395 (10.03)		.658 (16.71)	34	68			71973-8634	71973-8734	71973-8834	3.300 (83.82)	3.395 (86.23)		3.658 (92.91)	
	5	10			71973-8605	71973-8705	71973-8805	.400 (10.16)	.495 (12.57)		.758 (19.25)	35	70			71973-8635	71973-8735	71973-8835	3.400 (86.36)	3.495 (88.77)		3.758 (95.45)	
	6	12			71973-8606	71973-8706	71973-8806	.500 (12.70)	.595 (15.11)		.858 (21.79)	36	72			71973-8636	71973-8736	71973-8836	3.500 (88.90)	3.595 (91.31)		3.858 (97.99)	
	7	14			71973-8607	71973-8707	71973-8807	.600 (15.24)	.695 (17.65)		.958 (24.33)												
	8	16			71973-8608	71973-8708	71973-8808	.700 (17.78)	.795 (20.19)		1.058 (26.87)												
	9	18			71973-8609	71973-8709	71973-8809	.800 (20.32)	.895 (22.73)		1.158 (29.41)												
E	10	20			71973-8610	71973-8710	71973-8810	.900 (22.86)	.995 (25.27)		1.258 (31.95)												
	11	22			71973-8611	71973-8711	71973-8811	1.000 (25.40)	1.095 (27.81)		1.358 (34.49)												
	12	24			71973-8612	71973-8712	71973-8812	1.100 (27.94)	1.195 (30.35)		1.458 (37.03)												
	13	26			71973-8613	71973-8713	71973-8813	1.200 (30.48)	1.295 (32.89)		1.558 (39.57)												
	14	28			71973-8614	71973-8714	71973-8814	1.300 (33.02)	1.395 (35.43)		1.658 (42.11)												
	15	30			71973-8615	71973-8715	71973-8815	1.400 (35.56)	1.495 (37.97)		1.758 (44.65)												
	16	32			71973-8616	71973-8716	71973-8816	1.500 (38.10)	1.595 (40.51)		1.858 (47.19)												
D	17	34			71973-8617	71973-8717	71973-8817	1.600 (40.64)	1.695 (43.05)		1.958 (49.73)												
	18	36			71973-8618	71973-8718	71973-8818	1.700 (43.18)	1.795 (45.59)		2.058 (52.27)												
	19	38			71973-8619	71973-8719	71973-8819	1.800 (45.72)	1.895 (48.13)		2.158 (54.81)												
	20	40			71973-8620	71973-8720	71973-8820	1.900 (48.26)	1.995 (50.67)		2.258 (57.35)												
	21	42			71973-8621	71973-8721	71973-8821	2.000 (50.80)	2.095 (53.21)		2.358 (59.89)												
	22	44			71973-8622	71973-8722	71973-8822	2.100 (53.34)	2.195 (55.75)		2.458 (62.43)												
	23	46			71973-8623	71973-8723	71973-8823	2.200 (55.88)	2.295 (58.29)		2.558 (64.97)												
C	24	48			71973-8624	71973-8724	71973-8824	2.300 (58.42)	2.395 (60.83)		2.658 (67.51)												
	25	50			71973-8625	71973-8725	71973-8825	2.400 (60.96)	2.495 (63.37)		2.758 (70.05)												
	26	52			71973-8626	71973-8726	71973-8826	2.500 (63.50)	2.595 (65.91)		2.858 (72.59)												
	27	54			71973-8627	71973-8727	71973-8827	2.600 (66.04)	2.695 (68.45)		2.958 (75.13)												
	28	56			71973-8628	71973-8728	71973-8828	2.700 (68.58)	2.795 (70.99)		3.058 (77.67)												
	29	58			71973-8629	71973-8729	71973-8829	2.800 (71.12)	2.895 (73.53)		3.158 (80.21)												
	30	60			71973-8630	71973-8730	71973-8830	2.900 (73.66)	2.995 (76.07)		3.258 (82.75)												
B	31	62			71973-8631	71973-8731	71973-8831	3.000 (76.20)	3.095 (78.61)		3.358 (85.29)												
	32	64			71973-8632	71973-8732	71973-8832	3.100 (78.74)	3.195 (81.15)		3.458 (87.83)												
	33	66			71973-8633	71973-8733	71973-8833	3.200 (81.28)	3.295 (83.69)		3.558 (90.37)												
A	*X* INDICATES TOOLING IS NOT AVAILABLE.							ADD OPTION K & L EC NO: S2010-0534 DRWN:SKANG CHKD:ATSEE APPR:MLONG		2009/12/30 2010/01/08 2010/01/14	DESCRIPTION	REV	QUALITY SYMBOLS F _A =0 F _B =0 F _P =0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± --- 1 PLACE ± --- ± --- ANGULAR ± 1/2°		DIMENSION STYLE IN/MM DRAWN BY DATE CHECKED BY DATE APPROVED BY DATE MATERIAL NO.		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. 19 OF 26	
	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								

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	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)			.658 (16.71)												
	5	10			X	71973-5805	X	71973-5905	X	71973-6005	.400 (10.16)	.495 (12.57)			.758 (19.25)												
	6	12			X	71973-5806	X	71973-5906	X	71973-6006	.500 (12.70)	.595 (15.11)			.858 (21.79)												
E	7	14			X	71973-5807	X	71973-5907	X	71973-6007	.600 (15.24)	.695 (17.65)			.958 (24.33)												
	8	16			X	71973-5808	X	71973-5908	X	71973-6008	.700 (17.78)	.795 (20.19)			1.058 (26.87)												
	9	18			X	71973-5809	X	71973-5909	X	71973-6009	.800 (20.32)	.895 (22.73)			1.158 (29.41)												
	10	20			X	71973-5810	X	71973-5910	X	71973-6010	.900 (22.86)	.995 (25.27)			1.258 (31.95)												
	11	22			X	71973-5811	X	71973-5911	X	71973-6011	1.000 (25.40)	1.095 (27.81)			1.358 (34.49)												
	12	24			X	71973-5812	X	71973-5912	X	71973-6012	1.100 (27.94)	1.195 (30.35)			1.458 (37.03)												
	13	26			X	71973-5813	X	71973-5913	X	71973-6013	1.200 (30.48)	1.295 (32.89)			1.558 (39.57)												
	14	28			X	71973-5814	X	71973-5914	X	71973-6014	1.300 (33.02)	1.395 (35.43)			1.658 (42.11)												
	15	30			X	71973-5815	X	71973-5915	X	71973-6015	1.400 (35.56)	1.495 (37.97)			1.758 (44.65)												
	16	32			X	71973-5816	X	71973-5916	X	71973-6016	1.500 (38.10)	1.595 (40.51)			1.858 (47.19)												
D	17	34			X	71973-5817	X	71973-5917	X	71973-6017	1.600 (40.64)	1.695 (43.05)			1.958 (49.73)												
	18	36			X	71973-5818	X	71973-5918	X	71973-6018	1.700 (43.18)	1.795 (45.59)			2.058 (52.27)												
	19	38			X	71973-5819	X	71973-5919	X	71973-6019	1.800 (45.72)	1.895 (48.13)			2.158 (54.81)												
	20	40			X	71973-5820	X	71973-5920	X	71973-6020	1.900 (48.26)	1.995 (50.67)			2.258 (57.35)												
	21	42			X	71973-5821	X	71973-5921	X	71973-6021	2.000 (50.80)	2.095 (53.21)			2.358 (59.89)												
C	22	44			X	71973-5822	X	71973-5922	X	71973-6022	2.100 (53.34)	2.195 (55.75)			2.458 (62.43)												
	23	46			X	71973-5823	X	71973-5923	X	71973-6023	2.200 (55.88)	2.295 (58.29)			2.558 (64.97)												
	24	48			X	71973-5824	X	71973-5924	X	71973-6024	2.300 (58.42)	2.395 (60.83)			2.658 (67.51)												
	25	50			X	71973-5825	X	71973-5925	X	71973-6025	2.400 (60.96)	2.495 (63.37)			2.758 (70.05)												
	26	52			X	71973-5826	X	71973-5926	X	71973-6026	2.500 (63.50)	2.595 (65.91)			2.858 (72.59)												
B	27	54			X	71973-5827	X	71973-5927	X	71973-6027	2.600 (66.04)	2.695 (68.45)			2.958 (75.13)												
	28	56			X	71973-5828	X	71973-5928	X	71973-6028	2.700 (68.58)	2.795 (70.99)			3.058 (77.67)												
	29	58			X	71973-5829	X	71973-5929	X	71973-6029	2.800 (71.12)	2.895 (73.53)			3.158 (80.21)												
	30	60			X	71973-5830	X	71973-5930	X	71973-6030	2.900 (73.66)	2.995 (76.07)			3.258 (82.75)												

X INDICATES TOOLING IS NOT AVAILABLE.

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

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NO. OF CKTS		OPTION H ASSEMBLY PACKAGED IN TRAYS PER PK-70873-0239 (SEE SHEET I FOR FINISH SPECIFICATIONS)											DIMENSION				NO. OF CKTS		OPTION H ASSEMBLY PACKAGED IN TRAYS PER PK-70873-0239 (SEE SHEET I FOR FINISH SPECIFICATIONS)											DIMENSION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
PER ROW	TOTAL				15 GOLD			30 GOLD			50 GOLD			A	B			D	PER ROW	TOTAL				15 GOLD			30 GOLD			50 GOLD			A	B			D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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)	34	68			X	71973-9434	X	71973-9534	X	71973-9634	3.300 (83.82)	3.395 (86.23)		3.658 (92.91)	35	70			X	71973-9435	X	71973-9535	X	71973-9635	3.400 (86.36)	3.495 (88.77)		3.758 (95.45)	36	72			X	71973-9436	X	71973-9536	X	71973-9636	3.500 (88.90)	3.595 (91.31)		3.858 (97.99)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
5	10			X	71973-9405	X	71973-9505	X	71973-9605	.400 (10.16)	.495 (12.57)		.758 (19.25)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										

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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	
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)																					
10		20				71973-9710		71973-9810		71973-9910		.900 (22.86)		.995 (25.27)		.800 (20.32)		1.258 (31.95)																					
11		22				71973-9711		71973-9811		71973-9911		1.000 (25.40)		1.095 (27.81)		.900 (22.86)		1.358 (34.49)																					
12		24				71973-9712		71973-9812		71973-9912		1.100 (27.94)		1.195 (30.35)		1.000 (25.40)		1.458 (37.03)																					
13		26				71973-9713		71973-9813		71973-9913		1.200 (30.48)		1.295 (32.89)		1.100 (27.94)		1.558 (39.57)																					
14		28				71973-9714		71973-9814		71973-9914		1.300 (33.02)		1.395 (35.43)		1.200 (30.48)		1.658 (42.11)																					
15		30				71973-9715		71973-9815		71973-9915		1.400 (35.56)		1.495 (37.97)		1.300 (33.02)		1.758 (44.65)																					
16		32				71973-9716		71973-9816		71973-9916		1.500 (38.10)		1.595 (40.51)		1.400 (35.56)		1.858 (47.19)																					
17		34				71973-9717		71973-9817		71973-9917		1.600 (40.64)		1.695 (43.05)		1.500 (38.10)		1.958 (49.73)																					
18		36				71973-9718		71973-9818		71973-9918		1.700 (43.18)		1.795 (45.59)		1.600 (40.64)		2.058 (52.27)																					
19		38				71973-9719		71973-9819		71973-9919		1.800 (45.72)		1.895 (48.13)		1.700 (43.18)		2.158 (54.81)																					
20		40				71973-9720		71973-9820		71973-9920		1.900 (48.26)		1.995 (50.67)		1.800 (45.72)		2.258 (57.35)																					
21		42				71973-9721		71973-9821		71973-9921		2.000 (50.80)		2.095 (53.21)		1.900 (48.26)		2.358 (59.89)																					
22		44				71973-9722		71973-9822		71973-9922		2.100 (53.34)		2.195 (55.75)		2.000 (50.80)		2.458 (62.43)																					
23		46				71973-9723		71973-9823		71973-9923		2.200 (55.88)		2.295 (58.29)		2.100 (53.34)		2.558 (64.97)																					
24		48				71973-9724		71973-9824		71973-9924		2.300 (58.42)		2.395 (60.83)		2.200 (55.88)		2.658 (67.51)																					
25		50				71973-9725		71973-9825		71973-9925		2.400 (60.96)		2.495 (63.37)		2.300 (58.42)		2.758 (70.05)																					
26		52				71973-9726		71973-9826		71973-9926		2.500 (63.50)		2.595 (65.91)		2.400 (60.96)		2.858 (72.59)																					
27		54				71973-9727		71973-9827		71973-9927		2.600 (66.04)		2.695 (68.45)		2.500 (63.50)		2.958 (75.13)																					
28		56				71973-9728		71973-9828		71973-9928		2.700 (68.58)		2.795 (70.99)		2.600 (66.04)		3.058 (77.67)																					
29		58				71973-9729		71973-9829		71973-9929		2.800 (71.12)		2.895 (73.53)		2.700 (68.58)		3.158 (80.21)																					
30		60				71973-9730		71973-9830		71973-9930		2.900 (73.66)		2.995 (76.07)		2.800 (71.12)		3.258 (82.75)																					
31		62				71973-9731		71973-9831		71973-9931		3.000 (76.20)		3.095 (78.61)		2.900 (73.66)		3.358 (85.29)																					
32		64				71973-9732		71973-9832		71973-9932		3.100 (78.74)		3.195 (81.15)		3.000 (76.20)		3.458 (87.83)																					
33		66				71973-9733		71973-9833		71973-9933		3.200 (81.28)		3.295 (83.69)		3.100 (78.74)		3.558 (90.37)																					
X INDICATES TOOLING IS NOT AVAILABLE												ADD OPTION K & L EC NO: S2010-0534 DRWN:SKANG 2009/12/30 CHKD:ATSEE 2010/01/08 APPR:MLONG 2010/01/14				DESCRIPTION REV		QUALITY SYMBOLS F=0 F=0 F=0		GENERAL TOLERANCES (UNLESS SPECIFIED)				DIMENSION STYLE IN/MM				SCALE NTS		DESIGN UNITS INCH		THIRD ANGLE PROJECTION							
																				mm				INCH				DRAWN BY		DATE		TITLE EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID MOLEX INCORPORATED		DOCUMENT NO. SDA-71973-****		SHEET NO. 24 OF 26			
																				4 PLACES ± --- ± ---				3 PLACES ± --- ± .010				CHECKED BY		DATE									
																				2 PLACES ± 0.25 ± ---				1 PLACE ± --- ± ---				APPROVED BY		DATE									
																				ANGULAR ±1/2°				MATERIAL NO.				SEE TABLE											
												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									
NO. OF CKTS		OPTION K ASSEMBLY PACKAGED IN TUBES PER PK-70873-0138 (SEE SHEET I FOR FINISH SPECIFICATIONS)						DIMENSION				NO. OF CKTS		OPTION K ASSEMBLY PACKAGED IN TUBES PER PK-70873-0138 (SEE SHEET I FOR FINISH SPECIFICATIONS)						DIMENSION							
PER ROW	TOTAL			15 GOLD		30 GOLD		50 GOLD		A	B			PER ROW	TOTAL			15 GOLD		30 GOLD		50 GOLD		A	B		
4	8				71973-6204		71973-6304		71973-6404	.300 (7.62)	.395 (10.03)			32	64				71973-6232		71973-6332		71973-6432	3.100 (78.74)	3.195 (81.15)		
5	10				71973-6205		71973-6305		71973-6405	.400 (10.16)	.495 (12.57)			33	66				71973-6233		71973-6333		71973-6433	3.200 (81.28)	3.295 (83.69)		
6	12				71973-6206		71973-6306		71973-6406	.500 (12.70)	.595 (15.11)			34	68				71973-6234		71973-6334		71973-6434	3.300 (83.82)	3.395 (86.23)		
7	14				71973-6207		71973-6307		71973-6407	.600 (15.24)	.695 (17.65)			35	70				71973-6235		71973-6335		71973-6435	3.400 (86.36)	3.495 (88.77)		
8	16				71973-6208		71973-6308		71973-6408	.700 (17.78)	.795 (20.19)			36	72				71973-6236		71973-6336		71973-6436	3.500 (88.90)	3.595 (91.31)		
9	18				71973-6209		71973-6309		71973-6409	.800 (20.32)	.895 (22.73)																
10	20				71973-6210		71973-6310		71973-6410	.900 (22.86)	.995 (25.27)																
11	22				71973-6211		71973-6311		71973-6411	1.000 (25.40)	1.095 (27.81)																
12	24				71973-6212		71973-6312		71973-6412	1.100 (27.94)	1.195 (30.35)																
13	26				71973-6213		71973-6313		71973-6413	1.200 (30.48)	1.295 (32.89)																
14	28				71973-6214		71973-6314		71973-6414	1.300 (33.02)	1.395 (35.43)																
15	30				71973-6215		71973-6315		71973-6415	1.400 (35.56)	1.495 (37.97)																
16	32				71973-6216		71973-6316		71973-6416	1.500 (38.10)	1.595 (40.51)																
17	34				71973-6217		71973-6317		71973-6417	1.600 (40.64)	1.695 (43.05)																
18	36				71973-6218		71973-6318		71973-6418	1.700 (43.18)	1.795 (45.59)																
19	38				71973-6219		71973-6319		71973-6419	1.800 (45.72)	1.895 (48.13)																
20	40				71973-6220		71973-6320		71973-6420	1.900 (48.26)	1.995 (50.67)																
21	42				71973-6221		71973-6321		71973-6421	2.000 (50.80)	2.095 (53.21)																
22	44				71973-6222		71973-6322		71973-6422	2.100 (53.34)	2.195 (55.75)																
23	46				71973-6223		71973-6323		71973-6423	2.200 (55.88)	2.295 (58.29)																
24	48				71973-6224		71973-6324		71973-6424	2.300 (58.42)	2.395 (60.83)																
25	50				71973-6225		71973-6325		71973-6425	2.400 (60.96)	2.495 (63.37)																
26	52				71973-6226		71973-6326		71973-6426	2.500 (63.50)	2.595 (65.91)																
27	54				71973-6227		71973-6327		71973-6427	2.600 (66.04)	2.695 (68.45)																
28	56				71973-6228		71973-6328		71973-6428	2.700 (68.58)	2.795 (70.99)																
29	58				71973-6229		71973-6329		71973-6429	2.800 (71.12)	2.895 (73.53)																
30	60				71973-6230		71973-6330		71973-6430	2.900 (73.66)	2.995 (76.07)																
31	62				71973-6231		71973-6331		71973-6431	3.000 (76.20)	3.095 (78.61)																
X INDICATES TOOLING IS NOT AVAILABLE										ADD OPTION K & L EC NO: S2010-0534 DRWN:SKANG CHKD:ATSEE APPR:MLONG 2009/12/30 2010/01/08 2010/01/14		QUALITY SYMBOLS F=0 F=0 F=0		GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± --- 1 PLACE ± --- ± --- ANGULAR ± 1/2°		DIMENSION STYLE IN/MM DRAWN BY DATE DJB 1991/10/21 CHECKED BY DATE DJB 1991/10/21 APPROVED BY DATE MLONG 2010/01/14 MATERIAL NO.		SCALE NTS		DESIGN UNITS INCH		THIRD ANGLE PROJECTION		TITLE EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID MOLEX INCORPORATED SDA-71973-****		SHEET NO. 25 OF 26 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
tb_frame_A3_P_AM_T Rev. F 2009/06/18										9		8		7		6		5		4		3		2		1	

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