

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0719731105](#)
Status: **Active**
Overview: [cgrid_sl_products](#)
Description: 2.54mm (.100") Pitch C-Grid® PCB Connector, Dual Row, Right Angle, Early Entry Receptacle, with Flange, 10 Circuits

Documents:
[3D Model](#) [Product Specification PS-71973-9999 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

General

Product Family PCB Receptacles
Series [71973](#)
Application Board-to-Board
Overview [cgrid_sl_products](#)
Product Name C-Grid®

Physical

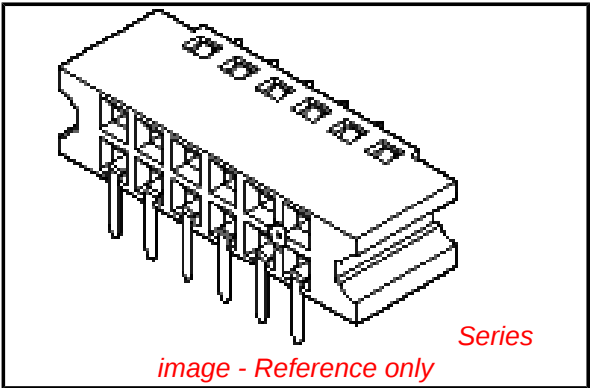
Circuits (Loaded) 10
Color - Resin Black
Durability (mating cycles max) 50
Flammability 94V-0
Glow-Wire Compliant No
Material - Metal Phosphor Bronze
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin High Temperature Thermoplastic
Number of Rows 2
Orientation Right Angle
PC Tail Length (in) 0.120 In
PC Tail Length (mm) 3.05 mm
PCB Locator No
PCB Retention None
PCB Thickness Recommended (in) 0.062 In
PCB Thickness Recommended (mm) 1.60 mm
Packaging Type Tube
Pitch - Mating Interface (in) 0.100 In
Pitch - Mating Interface (mm) 2.54 mm
Plating min: Mating (µin) 30
Plating min: Mating (µm) 0.76
Plating min: Termination (µin) 75
Plating min: Termination (µm) 1.90
Polarized to PCB No
Temperature Range - Operating -40°C to +105°C
Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 2A
Voltage - Maximum 250V

Solder Process Data

Duration at Max. Process Temperature (seconds) 10
Lead-free Process Capability Wave Capable (TH only)



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

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
[71973Series](#)

Mates With
[87911 Header](#)

Max. Cycles at Max. Process Temperature	3
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-70873-0139
Product Specification	PS-71973-9999
Sales Drawing	SDA-71973-****

This document was generated on 05/21/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

10 9 8 7 6 5 4 3 2 1

NOTES:

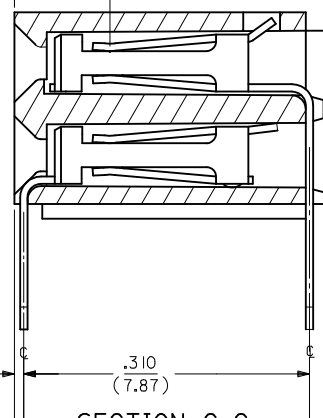
- 1.) MATERIAL -
INSULATOR - LCP, UL 94V-0, COLOR BLACK
CONTACTS - PHOSPHOR BRONZE
- 2.) SEE SHT. 5 & 6 FOR CHART DIMENSIONS AND EDP NO.'S
- 3.) RECOMMENDED MATING PIN LENGTH:
LOWER ROW - .200" MIN., .285" MAX.
UPPER ROW - .200" MIN.
- 4.) REFER TO PRODUCT SPECIFICATION PS-71973-9999 FOR PERFORMANCE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

FINISHES

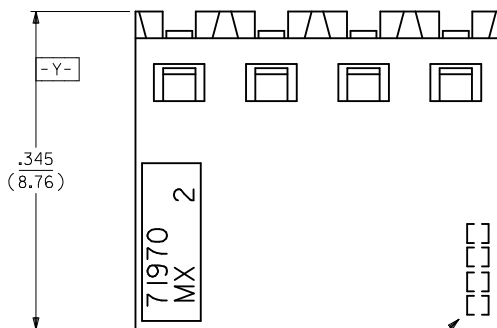
- 15 GOLD .000015 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000075 MINIMUM TIN PLATE IN SELECT AREA.
- 30 GOLD .000030 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000075 MINIMUM TIN PLATE IN SELECT AREA.
- 50 GOLD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

.105
(2.67)

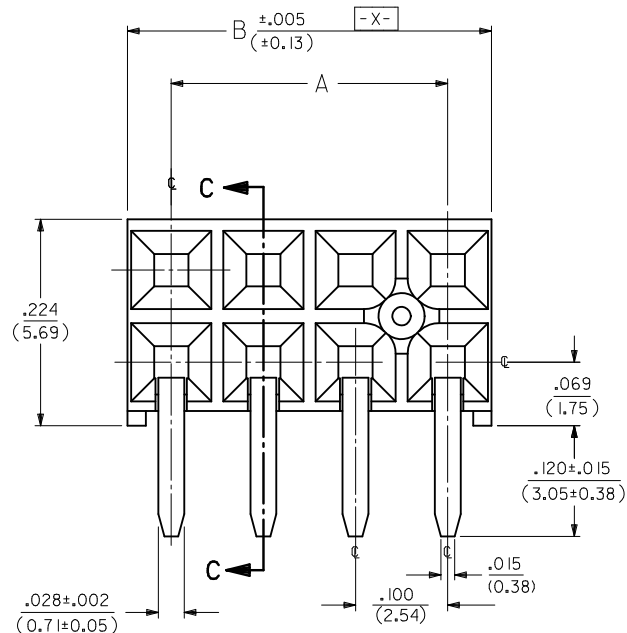
POINT OF
CONTACT



SECTION C-C



4 DIGIT DATE CODE
SEE NOTE 5

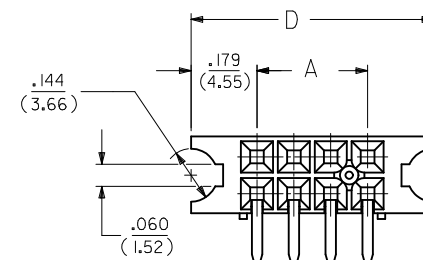
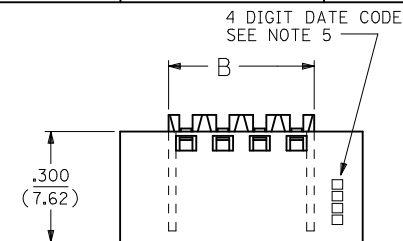


- ⊕ .015 ⊕ TAIL TO TAIL
⊕ .020 ⊕ X ⊕ Y ⊕ TAIL TO INSULATOR

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.



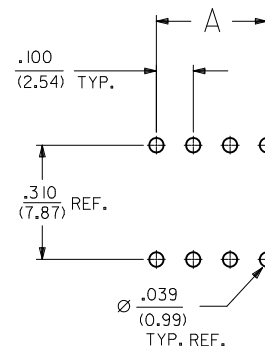
OPTION "B" ASSEMBLY

STD. HOUSING W/MOUNTING EARS
SCALE 4:1

REFER TO OPT. A FOR ALL OTHER INFORMATION

OPTION "J" ASSEMBLY

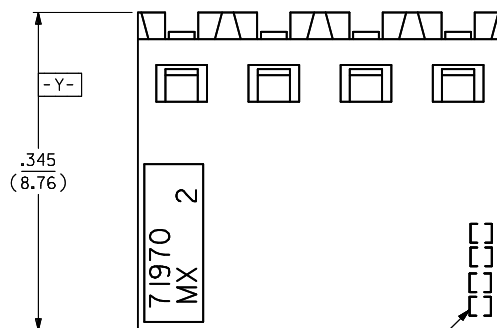
OPTION "J" IS THE SAME AS OPTION "B" EXCEPT
DATE CODE IS NOT STAMPED ON HOUSING.



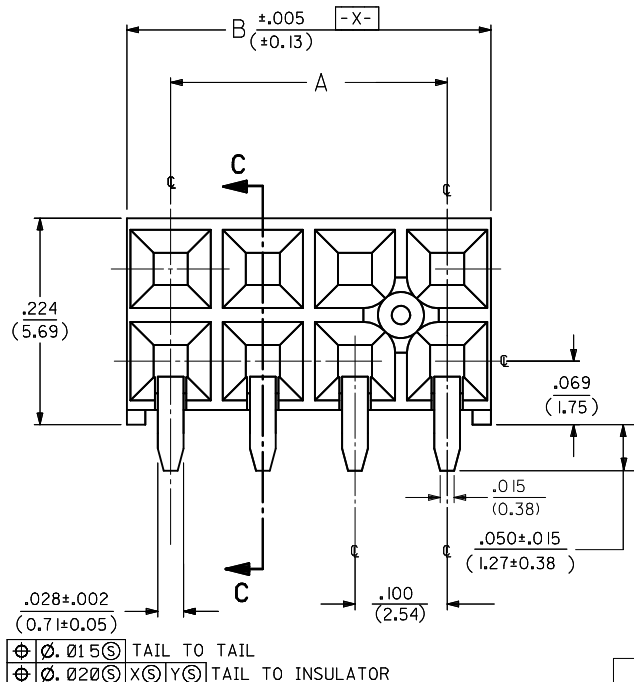
RECOMMENDED P.C.B.
LAYOUT

ADD OPTION K & L EC NO: S2010-0534 DRWN:SKANG 2009/12/30 CHKD:ATSEE 2010/01/08 APPR:MLONG 2010/01/14 K	QUALITY SYMBOLS F_A=0 F_B=0 F_P=0	DESCRIPTION	REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE NTS	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION	
				mm	INCH	DRAWN BY DJB	DATE 1991/10/21	TITLE EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID MOLEX INCORPORATED			
				4 PLACES ± --- ± ---		CHECKED BY DJB	DATE 1991/10/21				
				3 PLACES ± --- ± .010		APPROVED BY MLONG	DATE 2010/01/14				
				2 PLACES ± 0.25 ± ---		MATERIAL NO.					DOCUMENT NO.
1 PLACE ± --- ± ---		ANGULAR ± 1/2°		SEE TABLE		SDA-71973-****		1 OF 26			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

9 8 7 6 5 4 3 2 1



4 DIGIT DATE CODE
SEE NOTE 5



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.

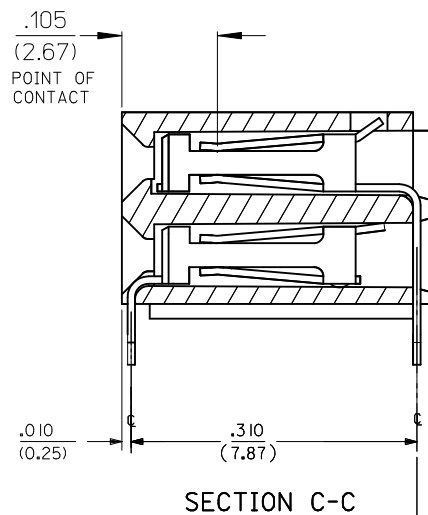
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Rev. F 2009/06/18

NOTES:

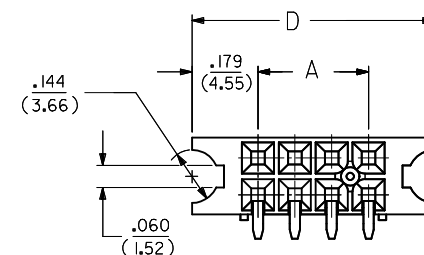
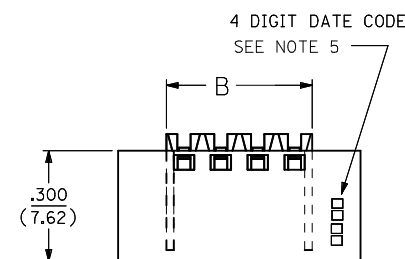
- 1.) MATERIAL-
INSULATOR - LCP, UL 94V-0, COLOR BLACK
CONTACTS - PHOSPHOR BRONZE
- 2.) SEE SHT. 9 & 10 FOR CHART DIMENSIONS AND EDP NO.'S
- 3.) RECOMMENDED MATING PIN LENGTH:
LOWER ROW - .200" MIN., .285" MAX.
UPPER ROW - .200" MIN.
- 4.) REFER TO PRODUCT SPECIFICATION PS-71973-9999 FOR
PERFORMANCE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

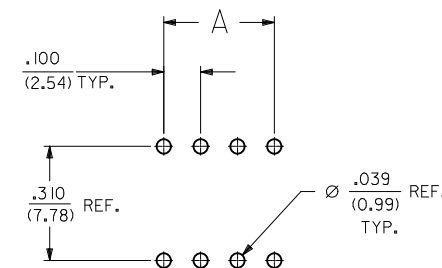


SECTION C-C



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 EC NO: S2010-0534 2009/12/30 DRWN:SKANG CHKD:ATSEE 2010/01/08 APPR:MLONG 2010/01/14		DESCRIPTION	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		
K		REV	QUALITY SYMBOLS 	4 PLACES	± ---	± ---	CHECKED BY DJB	DATE 1991/10/21	MOLEX MOLEX INCORPORATED		SHEET NO. 2 OF 26
				3 PLACES	± ---	± .010	APPROVED BY MLONG	DATE 2010/01/14			
								2 PLACES	± 0.25	± ---	
				1 PLACE	± ---	± ---					
				ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.			
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SDA-71973-****			
						SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

10

9

8

7

6

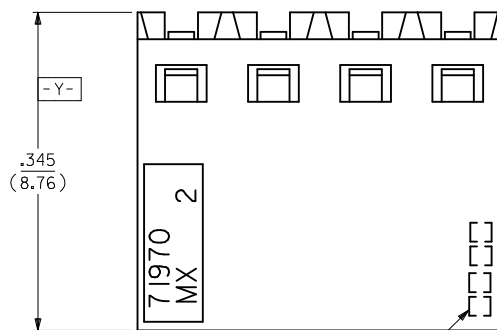
5

4

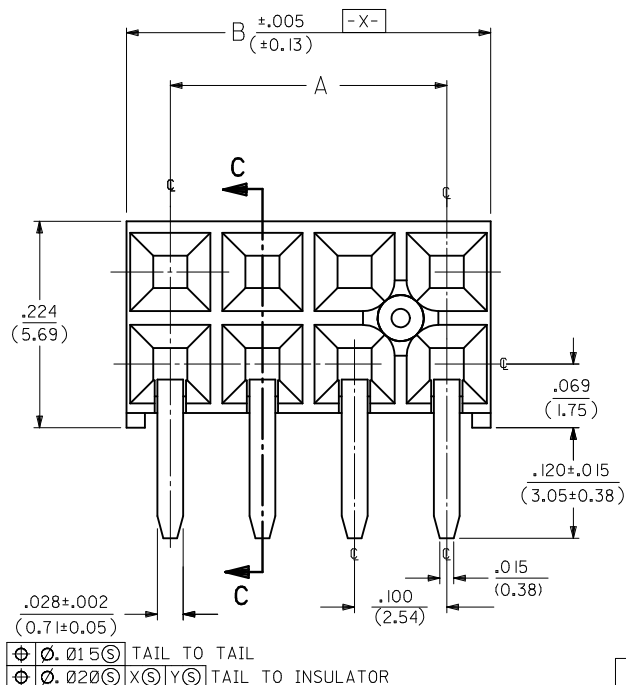
3

2

1



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.

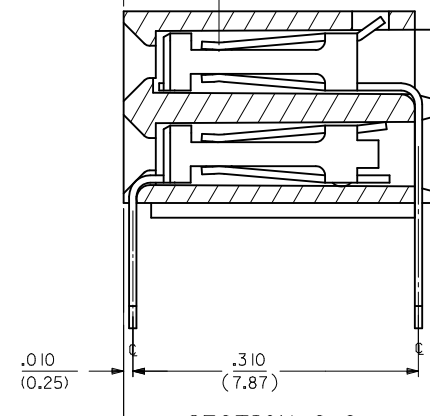
NOTES:

- 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

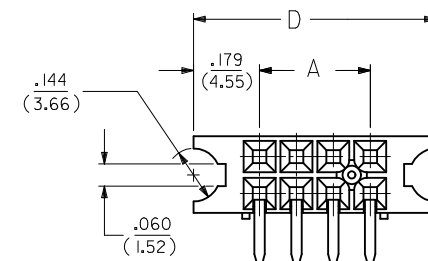
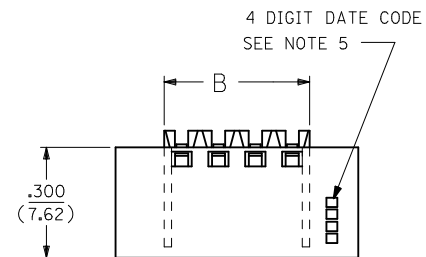
FINISHES

- 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

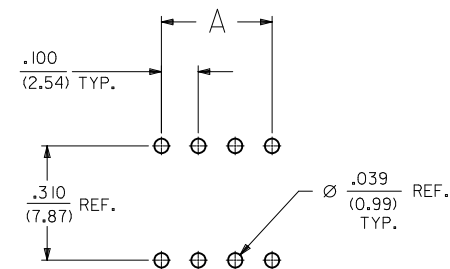


SECTION C-C



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

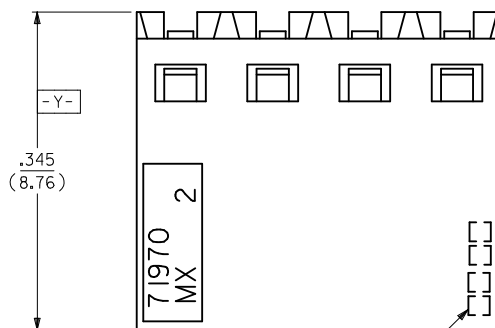
REFER TO OPT. E FOR ALL OTHER INFORMATION



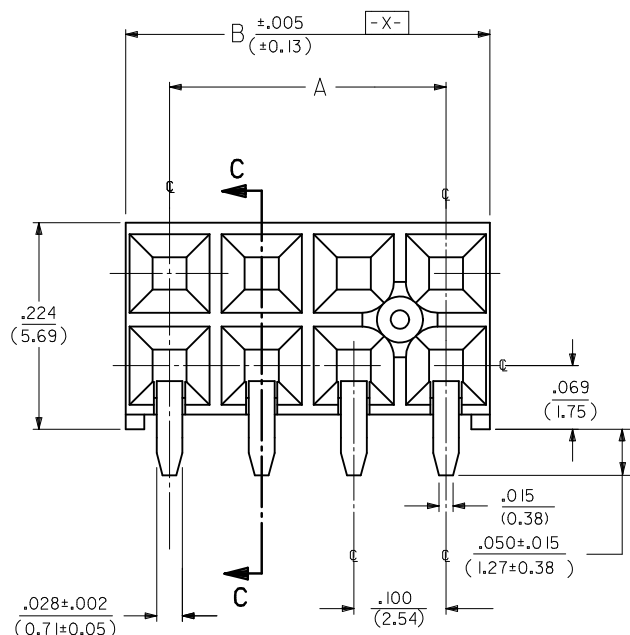
RECOMMENDED P.C.B. LAYOUT

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

10 9 8 7 6 5 4 3 2 1



4 DIGIT DATE CODE
SEE NOTE 5



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

OPTION "G" ASSEMBLY STANDARD HOUSING

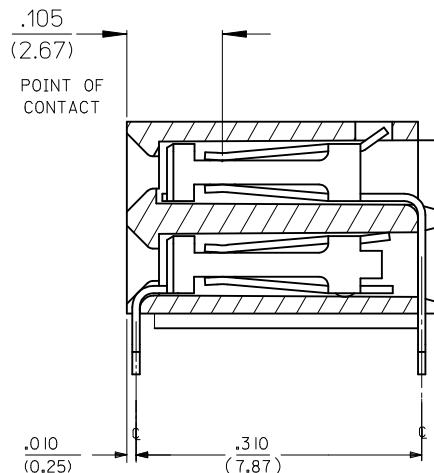
NOTE FOR LEAD FREE CONVERSION:

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

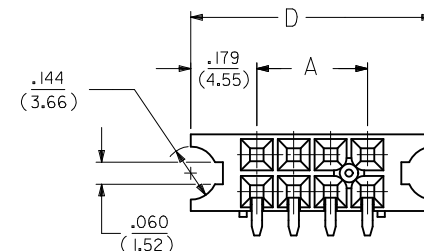
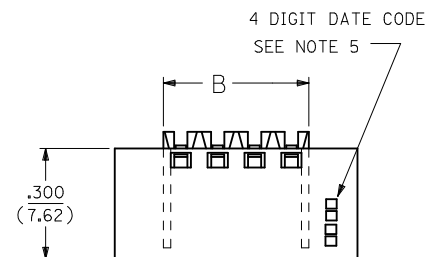
- NOTES:**
- 1.) MATERIAL -
INSULATOR - LCP, UL 94V-0, COLOR BLACK
CONTACTS - PHOSPHOR BRONZE
 - 2.) SEE SHT. 17 & 18 FOR CHART DIMENSIONS AND EDP NO.'S
 - 3.) RECOMMENDED MATING PIN LENGTH:
LOWER ROW - .200" MIN., .250" MAX.
UPPER ROW - .200" MIN.
 - 4.) REFER TO PRODUCT SPECIFICATION PS-71973-9999 FOR PERFORMANCE DATA
 - 5.) MANUFACTURED DATE CODE - YEAR, WEEK.
 - 6.) PACKAGING: FOR THIS PRODUCT IN TUBES SEE SHT. 18 & 19
FOR THIS PRODUCT IN TRAYS SEE SHT. 20 & 21

FINISHES

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

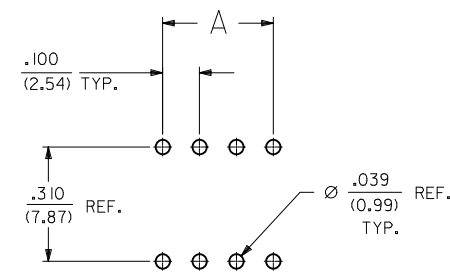


SECTION C-C



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

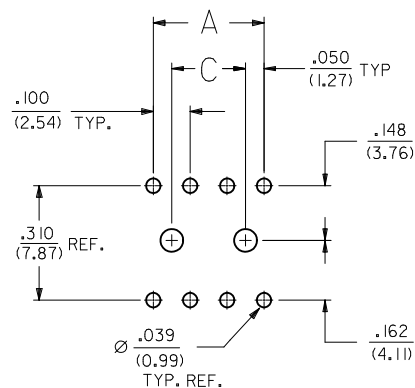
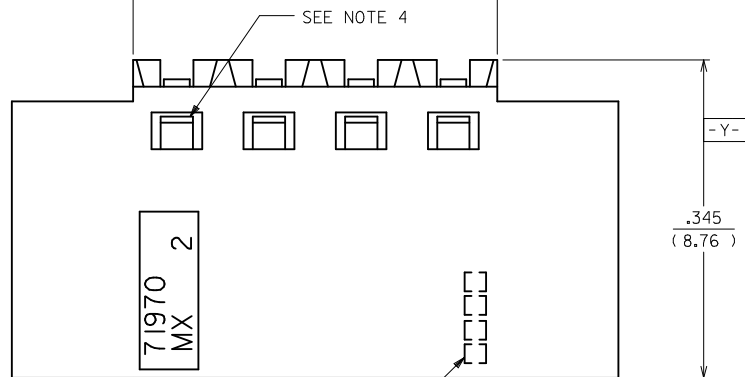
REFER TO OPT. G FOR ALL OTHER INFORMATION



RECOMMENDED P.C.B. LAYOUT

ADD OPTION K & L EC NO: S2010-0534 2009/12/30 DRWN:SKANG CHKD:ATSEE 2010/01/08 APPR:MLONG 2010/01/14	QUALITY SYMBOLS FA=0 FE=0 FP=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE NTS	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION
			mm	INCH	DRAWN BY DJB	DATE 1991/10/21	TITLE EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID		
			4 PLACES ± --- ± ---	3 PLACES ± --- ± .010	CHECKED BY DJB	DATE 1991/10/21			
			2 PLACES ± 0.25 ± ---	1 PLACE ± --- ± ---	APPROVED BY MLONG	DATE 2010/01/14	 MOLEX INCORPORATED		
			ANGULAR ±1/2°		MATERIAL NO.			DOCUMENT NO.	
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SDA-71973-****		
K	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

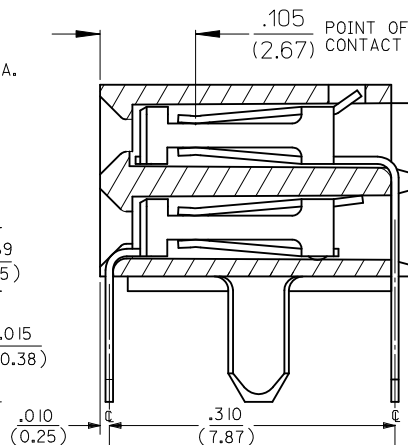
10 9 8 7 6 5 4 3 2 1



RECOMMENDED P.C.B.
LAYOUT

SCALE 4:1

SECTION D-D



NOTES:

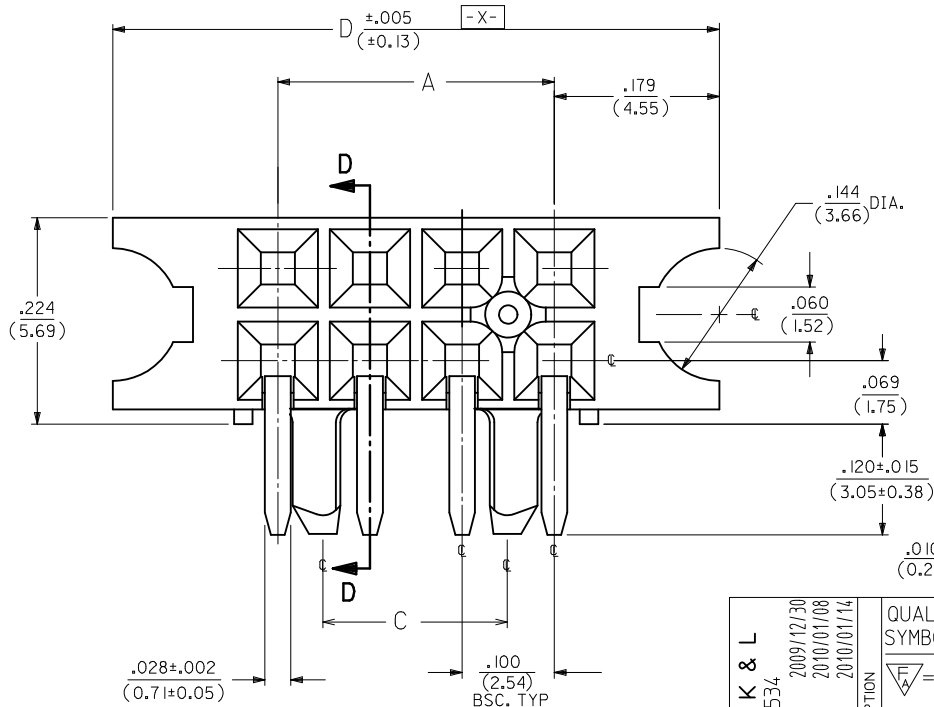
- 1.) MATERIAL -
INSULATOR - LCP, UL 94V-0, COLOR BLACK
CONTACTS - PHOSPHOR BRONZE
- 2.) SEE SHT. 22 FOR CHART DIMENSIONS AND ITEM NO.'S
- 3.) RECOMMENDED MATING PIN LENGTH:
LOWER ROW - .200" MINIMUM, .285" MAX.
UPPER ROW - .200" MINIMUM
- 4.) REFER TO PRODUCT SPECIFICATION PS-71973-9999 FOR PERFORMANCE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

FINISHES PER ES-88-(***)

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

NOTE FOR LEAD FREE CONVERSION:

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



TAIL TO TAIL
TAIL TO INSULATOR
(SEE NOTE 7)

OPTION "I" ASSEMBLY

STANDARD HOUSING W/ PEGS AND MOUNTING EARS

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

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

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

SCALE 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. 5 OF 26
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

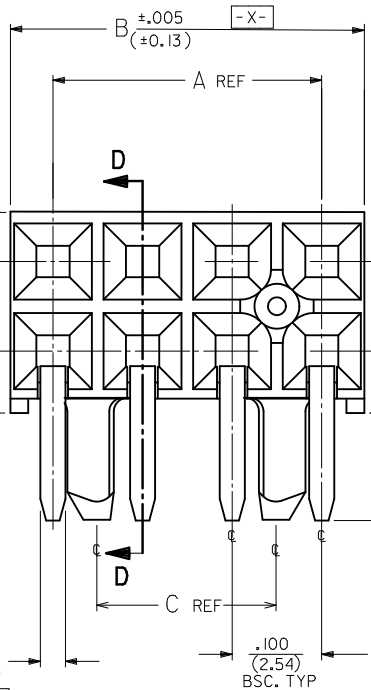
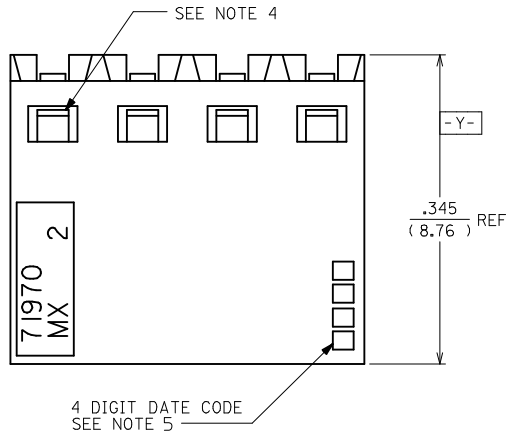
9 8 7 6 5 4 3 2 1

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:

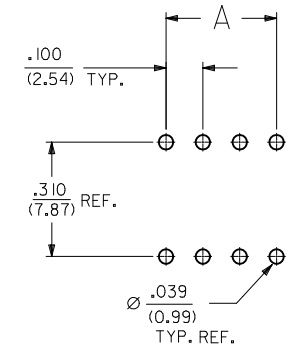
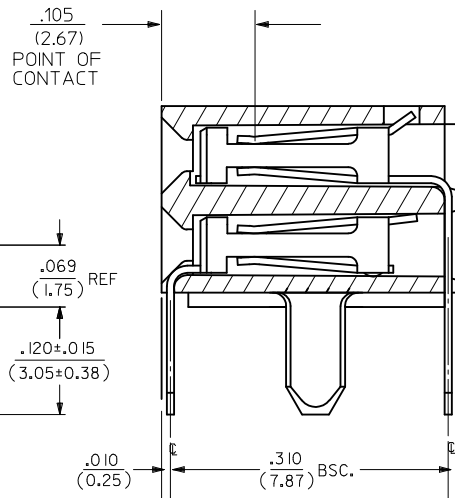
- 1.) MATERIAL-
INSULATOR - LCP, UL 94V-0, COLOR BLACK
CONTACTS - PHOSPHOR BRONZE
- 2.) SEE SHT.25 FOR CHART DIMENSIONS AND ITEM NO.'S
- 3.) RECOMMENDED MATING PIN LENGTH:
LOWER ROW - .200" MINIMUM, .285" MAX.
UPPER ROW - .200" MINIMUM
- 4.) REFER TO PRODUCT SPECIFICATION PS-71973-9999 FOR PERFORMANCE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



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

OPTION "K" ASSEMBLY
STANDARD HOUSING W/ PEGS

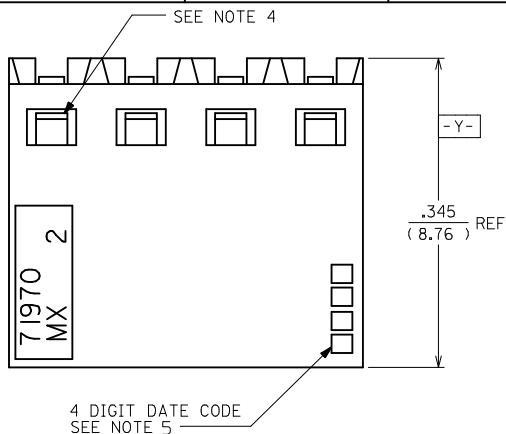
SECTION D-D



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		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					
2010/01/14		APPR:MLONG		2 PLACES		DJB		1991/10/21					
				1 PLACE		DJB		1991/10/21					
				ANGULAR $\pm 1/2^\circ$		APPROVED BY		DATE					
						MLONG		2010/01/14					
						MATERIAL NO.		DOCUMENT NO.					
						SEE TABLE							
						SIZE							
						A3							

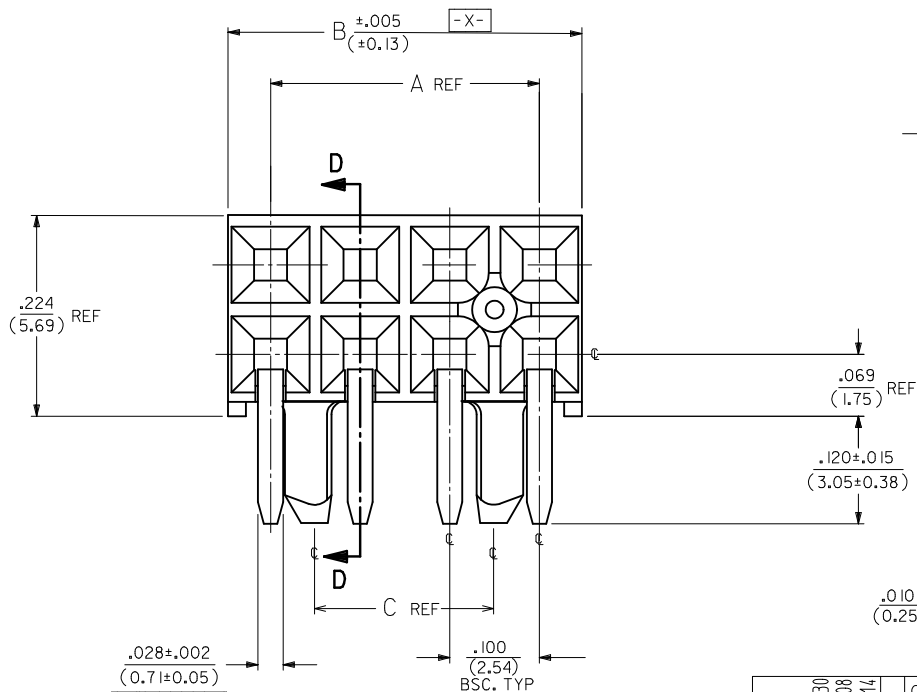
10 9 8 7 6 5 4 3 2 1



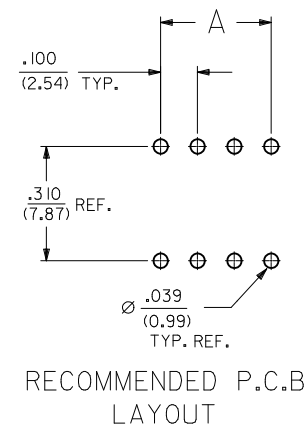
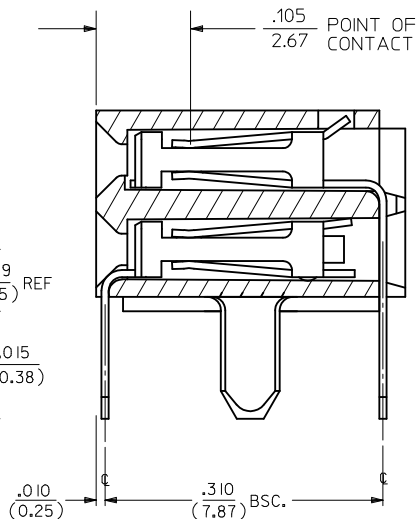
- FINISHES
- 15 GOLD .000015 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000075 MINIMUM TIN PLATE IN SELECT AREA.
- 30 GOLD .000030 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000075 MINIMUM TIN PLATE IN SELECT AREA.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



$\frac{.028 \pm .002}{(0.71 \pm 0.05)}$

$\frac{.100}{(2.54)}$ BSC. TYP

⊕ Ø.015 ⊗ TAIL TO TAIL

⊕ Ø.020 ⊗ X ⊗ Y ⊗ TAIL TO INSULATOR

(SEE NOTE 8)

OPTION "L" ASSEMBLY
STANDARD HOUSING W/ PEGS

ADD OPTION K & L EC NO: S2010-0534 DRWN:SKANG CHKD:ATSEE APPR:MLONG			2009/12/30 2010/01/08 2010/01/14		DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE NTS	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
		F _A =0		4 PLACES		± ---	± ---	DJB	DATE 1991/10/21	TITLE EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID MOLEX INCORPORATED				
		F _E =0		3 PLACES		± ---	± .010	CHECKED BY	DATE 1991/10/21					
		F _P =0		2 PLACES		± 0.25	± ---	DJB	DATE 1991/10/21					
				1 PLACE		± ---	± ---	APPROVED BY	DATE 2010/01/14					
				ANGULAR ±1/2°			MLONG		DOCUMENT NO.		SHEET NO.			
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO.		SEE TABLE		SDA-71973-**** 7 OF 26			
							SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

	10		9		8		7		6		5		4		3		2		1						
F	NO. OF CKTS		OPTION A ASSEMBLY PACKAGED IN TUBES PER PK-70873-0138 (SEE SHEET I FOR FINISH SPECIFICATIONS)					DIMENSION				NO. OF CKTS		OPTION A ASSEMBLY PACKAGED IN TUBES PER PK-70873-0138 (SEE SHEET I FOR FINISH SPECIFICATIONS)					DIMENSION				F		
	PER ROW	TOTAL			15 GOLD	30 GOLD	50 GOLD	A	B					PER ROW	TOTAL			15 GOLD	30 GOLD	50 GOLD	A	B			
	4	8			71973-0204	71973-0304	71973-0404	.300 (7.62)	.395 (10.03)			33	66			71973-0233	71973-0333	71973-0433	3.200 (81.28)	3.295 (83.69)					
	5	10			71973-0205	71973-0305	71973-0405	.400 (10.16)	.495 (12.57)			34	68			71973-0234	71973-0334	71973-0434	3.300 (83.82)	3.395 (86.23)					
	6	12			71973-0206	71973-0306	71973-0406	.500 (12.70)	.595 (15.11)			35	70			71973-0235	71973-0335	71973-0435	3.400 (86.36)	3.495 (88.77)					
	7	14			71973-0207	71973-0307	71973-0407	.600 (15.24)	.695 (17.65)			36	72			71973-0236	71973-0336	71973-0436	3.500 (88.90)	3.595 (91.31)					
	8	16			71973-0208	71973-0308	71973-0408	.700 (17.78)	.795 (20.19)																
	9	18			71973-0209	71973-0309	71973-0409	.800 (20.32)	.895 (22.73)																
E	10	20			71973-0210	71973-0310	71973-0410	.900 (22.86)	.995 (25.27)																
	11	22			71973-0211	71973-0311	71973-0411	1.000 (25.40)	1.095 (27.81)																
	12	24			71973-0212	71973-0312	71973-0412	1.100 (27.94)	1.195 (30.35)																
	13	26			71973-0213	71973-0313	71973-0413	1.200 (30.48)	1.295 (32.89)																
	14	28			71973-0214	71973-0314	71973-0414	1.300 (33.02)	1.395 (35.43)																
	15	30			71973-0215	71973-0315	71973-0415	1.400 (35.56)	1.495 (37.97)																
D	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)																
C	24	48			71973-0224	71973-0324	71973-0424	2.300 (58.42)	2.395 (60.83)																
	25	50			71973-0225	71973-0325	71973-0425	2.400 (60.96)	2.495 (63.37)																
	26	52			71973-0226	71973-0326	71973-0426	2.500 (63.50)	2.595 (65.91)																
	27	54			71973-0227	71973-0327	71973-0427	2.600 (66.04)	2.695 (68.45)																
	28	56			71973-0228	71973-0328	71973-0428	2.700 (68.58)	2.795 (70.99)																
	29	58			71973-0229	71973-0329	71973-0429	2.800 (71.12)	2.895 (73.53)																
B	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)																
A								ADD OPTION K & L EC NO: S2010-0534 DRWN:SKANG 2009/12/30 CHKD:ATSEE 2010/01/08 APPR:MLONG 2010/01/14		DESCRIPTION	QUALITY SYMBOLS F=0 F=0 F=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE NTS		DESIGN UNITS INCH		THIRD ANGLE PROJECTION		A			
	mm		INCH		DRAWN BY DATE DJB 1991/10/21		TITLE EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID																		
	4 PLACES ± --- ± ---		3 PLACES ± --- ± .010		CHECKED BY DATE DJB 1991/10/21		MOLEX MOLEX INCORPORATED																		
	2 PLACES ± 0.25 ± ---		1 PLACE ± --- ± ---		APPROVED BY DATE MLONG 2010/01/14		MATERIAL NO. SEE TABLE					DOCUMENT NO. SDA-71973-****		SHEET NO. 8 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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Rev. F 2009/06/18

10				9				8				7				6				5				4				3				2				1			
NO. OF CKTS		OPTION A ASSEMBLY PACKAGED IN TRAYS PER PK-70873-0239 (SEE SHEET I FOR FINISH SPECIFICATIONS)												DIMENSION				NO. OF CKTS		OPTION A 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											A	B								
4	8					71973-6604				71973-6704				71973-6804				.300 (7.62)	.395 (10.03)											3.200 (81.28)	3.295 (83.69)								
5	10					71973-6605				71973-6705				71973-6805				.400 (10.16)	.495 (12.57)											3.300 (83.82)	3.395 (86.23)								
6	12					71973-6606				71973-6706				71973-6806				.500 (12.70)	.595 (15.11)											3.400 (86.36)	3.495 (88.77)								
7	14					71973-6607				71973-6707				71973-6807				.600 (15.24)	.695 (17.65)											3.500 (88.90)	3.595 (91.31)								
8	16					71973-6608				71973-6708				71973-6808				.700 (17.78)	.795 (20.19)																				
9	18					71973-6609				71973-6709				71973-6809				.800 (20.32)	.895 (22.73)																				
10	20					71973-6610				71973-6710				71973-6810				.900 (22.86)	.995 (25.27)																				
11	22					71973-6611				71973-6711				71973-6811				1.000 (25.40)	1.095 (27.81)																				
12	24					71973-6612				71973-6712				71973-6812				1.100 (27.94)	1.195 (30.35)																				
13	26					71973-6613				71973-6713				71973-6813				1.200 (30.48)	1.295 (32.89)																				
14	28					71973-6614				71973-6714				71973-6814				1.300 (33.02)	1.395 (35.43)																				
15	30					71973-6615				71973-6715				71973-6815				1.400 (35.56)	1.495 (37.97)																				
16	32					71973-6616				71973-6716				71973-6816				1.500 (38.10)	1.595 (40.51)																				
17	34					71973-6617				71973-6717				71973-6817				1.600 (40.64)	1.695 (43.05)																				
18	36					71973-6618				71973-6718				71973-6818				1.700 (43.18)	1.795 (45.59)																				
19	38					71973-6619				71973-6719				71973-6819				1.800 (45.72)	1.895 (48.13)																				
20	40					71973-6620				71973-6720				71973-6820				1.900 (48.26)	1.995 (50.67)																				
21	42					71973-6621				71973-6721				71973-6821				2.000 (50.80)	2.095 (53.21)																				
22	44					71973-6622				71973-6722				71973-6822				2.100 (53.34)	2.195 (55.75)																				
23	46					71973-6623				71973-6723				71973-6823				2.200 (55.88)	2.295 (58.29)																				
24	48					71973-6624				71973-6724				71973-6824				2.300 (58.42)	2.395 (60.83)																				
25	50					71973-6625				71973-6725				71973-6825				2.400 (60.96)	2.495 (63.37)																				
26	52					71973-6626				71973-6726				71973-6826				2.500 (63.50)	2.595 (65.91)																				
27	54					71973-6627				71973-6727				71973-6827				2.600 (66.04)	2.695 (68.45)																				
28	56					71973-6628				71973-6728				71973-6828				2.700 (68.58)	2.795 (70.99)																				
29	58					71973-6629				71973-6729				71973-6829				2.800 (71.12)	2.895 (73.53)																				
30	60					71973-6630				71973-6730				71973-6830				2.900 (73.66)	2.995 (76.07)																				
31	62					71973-6631				71973-6731				71973-6831				3.000 (76.20)	3.095 (78.61)																				
32	64					71973-6632				71973-6732				71973-6832				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 DESCRIPTION REV																		GENERAL TOLERANCES (UNLESS SPECIFIED)				DIMENSION STYLE IN/MM				SCALE NTS		DESIGN UNITS INCH		THIRD ANGLE PROJECTION									
																		mm		INCH		DRAWN BY		DATE		TITLE		EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID MOLEX INCORPORATED											
																		4 PLACES ± --- ± ---		3 PLACES ± --- ± .010		DJB		1991/10/21		CHECKED BY								DATE					
																		2 PLACES ± 0.25 ± ---		1 PLACE ± --- ± ---		DJB		1991/10/21		APPROVED BY		DATE		MATERIAL NO.		DOCUMENT NO.		SHEET NO.					
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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Rev. F 2009/06/18

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NO. OF CKTS										OPTION C ASSEMBLY PACKAGED IN TUBES PER PK-70873-0138 (SEE SHEET 1 FOR FINISH SPECIFICATIONS)										DIMENSION										NO. OF CKTS										OPTION C ASSEMBLY PACKAGED IN TUBES PER PK-70873-0138 (SEE SHEET 1 FOR FINISH SPECIFICATIONS)										DIMENSION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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	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					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)		
	8	16			71973-7408	71973-7508	71973-7608	.700 (17.78)	.795 (20.19)															
E	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)															
D	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)															
C	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)															
B	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)															
A	ADD OPTION K & L EC NO: S2010-0534 DRWN:SKANG 2009/12/30 CHKD:ATSEE 2010/01/08 APPR:MLONG 2010/01/14 K										QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE NTS		DESIGN UNITS INCH		THIRD ANGLE PROJECTION			
											F=0		4 PLACES ± --- ± ---		DRAWN BY DATE		TITLE		EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID MOLEX INCORPORATED		SHEET NO. 14 OF 26			
											F=0		3 PLACES ± --- ± .010		CHECKED BY DATE									
											F=0		2 PLACES ± 0.25 ± ---		APPROVED BY DATE									
													1 PLACE ± --- ± ---		MATERIAL NO.									
													ANGULAR ±1/2°		SEE TABLE		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							

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	10		9		8		7		6		5		4		3		2		1						
F	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					15 GOLD	30 GOLD	50 GOLD	A	B						
	4	8				71973-3404	71973-3504	71973-3604	.300 (7.62)	.395 (10.03)					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)					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)					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)															
E	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)															
D	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)															
C	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)															
B	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)															
A	*X INDICATES TOOLING IS NOT AVAILABLE										ADD OPTION K & L EC NO: S2010-0534 DRWN:SKANG 2009/12/30 CHKD:ATSEE 2010/01/08 APPR:MLONG 2010/01/14		QUALITY SYMBOLS F=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. 16 OF 26				
													DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE TABLE	DOCUMENT NO. SDA-71973-****										
													SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											

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

tb_frame_A3_P_AM_T
Rev. F 2009/06/18

10										9										7										6										5										4										3										2										1																																																											
NO. OF CKTS										OPTION G ASSEMBLY PACKAGED IN TUBES PER PK-70873-0138 (SEE SHEET I FOR FINISH SPECIFICATIONS)										DIMENSION										NO. OF CKTS										OPTION G ASSEMBLY PACKAGED IN TUBES PER PK-70873-0138 (SEE SHEET I FOR FINISH SPECIFICATIONS)										DIMENSION																																																																																									
PER ROW										TOTAL										A										B										PER ROW										TOTAL										A										B																																																																					
4										8										X 71973-5004										X 71973-5104										X 71973-5204										.300 (7.62)										.395 (10.03)										32										64										X 71973-5032										X 71973-5132										X 71973-5232										3.100 (78.74)										3.195 (81.15)									
5										10										X 71973-5005										X 71973-5105										X 71973-5205										.400 (10.16)										.495 (12.57)										33										66										X 71973-5033										X 71973-5133										X 71973-5233										3.200 (81.28)										3.295 (83.69)									
6										12										X 71973-5006										X 71973-5106										X 71973-5206										.500 (12.70)										.595 (15.11)										34										68										X 71973-5034										X 71973-5134										X 71973-5234										3.300 (83.82)										3.395 (86.23)									
7										14										X 71973-5007										X 71973-5107										X 71973-5207										.600 (15.24)										.695 (17.65)										35										70										X 71973-5035										X 71973-5135										X 71973-5235										3.400 (86.36)										3.495 (88.77)									
8										16										X 71973-5008										X 71973-5108										X 71973-5208										.700 (17.78)										.795 (20.19)										36										72										X 71973-5036										X 71973-5136										X 71973-5236										3.500 (88.90)										3.595 (91.31)									
9										18										X 71973-5009										X 71973-5109										X 71973-5209										.800 (20.32)										.895 (22.73)																																																																															
E										10										X 71973-5010										X 71973-5110										X 71973-5210										.900 (22.86)										.995 (25.27)																																																																															
										11										X 71973-5011										X 71973-5111										X 71973-5211										1.000 (25.40)										1.095 (27.81)																																																																															
										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										TITLED DATE																																																																																									
																														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																																																																																									
A										K										REV										DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										SEE TABLE										MATERIAL NO.										DOCUMENT NO.										SHEET NO.																																																																					
																														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)			.658 (16.71)				X	71973-5831	X	71973-5931	X	71973-6031	3.000 (76.20)	3.095 (78.61)			3.358 (85.29)		
5	10			X	71973-5805	X	71973-5905	X	71973-6005	.400 (10.16)	.495 (12.57)			.758 (19.25)				X	71973-5832	X	71973-5932	X	71973-6032	3.100 (78.74)	3.195 (81.15)			3.458 (87.83)		
6	12			X	71973-5806	X	71973-5906	X	71973-6006	.500 (12.70)	.595 (15.11)			.858 (21.79)				X	71973-5833	X	71973-5933	X	71973-6033	3.200 (81.28)	3.295 (83.69)			3.558 (90.37)		
E	7	14			X	71973-5807	X	71973-5907	X	71973-6007	.600 (15.24)	.695 (17.65)			.958 (24.33)				X	71973-5834	X	71973-5934	X	71973-6034	3.300 (83.82)	3.395 (86.23)			3.658 (92.91)	
	8	16			X	71973-5808	X	71973-5908	X	71973-6008	.700 (17.78)	.795 (20.19)			1.058 (26.87)				X	71973-5835	X	71973-5935	X	71973-6035	3.400 (86.36)	3.495 (88.77)			3.758 (95.45)	
	9	18			X	71973-5809	X	71973-5909	X	71973-6009	.800 (20.32)	.895 (22.73)			1.158 (29.41)				X	71973-5836	X	71973-5936	X	71973-6036	3.500 (88.90)	3.595 (91.31)			3.858 (97.99)	
	10	20			X	71973-5810	X	71973-5910	X	71973-6010	.900 (22.86)	.995 (25.27)			1.258 (31.95)															
	11	22			X	71973-5811	X	71973-5911	X	71973-6011	1.000 (25.40)	1.095 (27.81)			1.358 (34.49)															
	12	24			X	71973-5812	X	71973-5912	X	71973-6012	1.100 (27.94)	1.195 (30.35)			1.458 (37.03)															
	13	26			X	71973-5813	X	71973-5913	X	71973-6013	1.200 (30.48)	1.295 (32.89)			1.558 (39.57)															
	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.
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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(137.98)										5,595 (140.29)										5,600 (140.42)										5,695 (142.73)										5,700 (142.86)										5,795 (145.17)										5,800 (145.30)										5,895 (147.61)										5,900 (147.74)										5,995 (150.05)										6,000 (150.18)										6,095 (152.49)										6,100 (152.62)										6,195 (154.93)										6,200 (155.06)										6,295 (157.37)										6,300 (157.50)										6,395 (159.81)										6,400 (159.94)										6,495 (162.25)										6,500 (162.38)										6,595 (164.69)										6,600 (164.82)										6,695 (167.13)										6,700 (167.26)										6,795 (169.57)										6,800 (169.70)										6,895 (172.01)										6,900 (172.14)										6,995 (174.45)										7,000 (174.58)										7,095 (176.89)										7,100 (177.02)										7,195 (179.33)										7,200 (179.46)										7,295 (181.77)										7,300 (181.90)										7,395 (184.21)										7,400 (184.34)										7,495 (186.65)										7,500 (186.78)										7,595 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(238.02)										9,695 (240.33)										9,700 (240.46)										9,795 (242.77)										9,800 (242.90)										9,895 (245.21)										9,900 (245.34)										9,995 (247.65)										10,000 (247.78)										10,095 (250.09)										10,100 (250.22)										10,195 (252.53)										10,200 (252.66)										10,295 (254.97)										10,300 (255.10)										10,395 (257.41)										10,400 (257.54)										10,495 (259.85)										10,500 (259.98)										10,595 (262.29)										10,600 (262.42)										10,695 (264.73)										10,700 (264.86)										10,795 (267.17)										10,800 (267.30)										10,895 (269.61)										10,900 (269.74)										10,995 (272.05)										11,000 (272.18)										11,095 (274.49)										11,100 (274.62)										11,195 (276.93)										11,200 (277.06)										11,295 (279.37)										11,300 (279.50)										11,395 (281.81)										11,400 (281.94)										11,495 (284.25)										11,500 (284.38)										11,595 (286.69)										11,600 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(335.62)										13,695 (337.93)										13,700 (338.06)										13,795 (340.37)										13,800 (340.50)										13,895 (342.81)										13,900 (342.94)										13,995 (345.25)										14,000 (345.38)										14,095 (347.69)										14,100 (347.82)										14,195 (350.13)										14,200 (350.26)										14,295 (352.57)										14,300 (352.70)										14,395 (355.01)										14,400 (355.14)										14,495 (357.45)										14,500 (357.58)										14,595 (359.89)										14,600 (360.02)										14,695 (362.33)										14,700 (362.46)										14,795 (364.77)										14,800 (364.90)										14,895 (367.21)										14,900 (367.34)										14,995 (369.65)										15,000 (369.78)										15,095 (372.09)										15,100 (372.22)										15,195 (374.53)										15,200 (374.66)										15,295 (376.97)										15,300 (377.10)										15,395 (379.41)										15,400 (379.54)										15,495 (381.85)										15,500 (381.98)										15,595 (384.29)										15,600 (384.42)										15,695 (386.73)										15,700 (386.86)										15,795 (389.17)										15,800 (389.30)										15,895 (391.61)										15,900 (391.74)										15,995 (394.05)										16,000 (394.18)										16,095 (396.49)										16,100 (396.62)										16,195 (398.93)										16,200 (399.06)										16,295 (401.37)										16,300 (401.50)										16,395 (403.81)										16,400 (403.94)										16,495 (406.25)										16,500 (406.38)										16,595 (408.69)										16,600 (408.82)										16,695 (411.13)										16,700 (411.26)										16,795 (413.57)										16,800 (413.70)										16,895 (416.01)										16,900 (416.14)										16,995 (418.45)										17,000 (418.58)										17,095 (420.89)										17,100 (421.02)										17,195 (423.33)										17,200 (423.46)										17,295 (425.77)										17,300 (425.90)										17,395 (428.21)										17,400 (428.34)										17,495 (430.65)										17,500 (430.78)										17,595 (433.09)										17,600 (433.22)										17,695 (435.53)										17,700 (435.66)										17,795 (437.97)										17,800 (438.10)										17,895 (440.41)										17,900 (440.54)										17,995 (442.85)										18,000 (442.98)										18,095 (445.29)										18,100 (445.42)										18,195 (447.73)										18,200 (447.86)										18,295 (450.17)										18,300 (450.30)										18,395 (452.61)										18,400 (452.74)										18,495 (455.05)										18,500 (455.18)										18,595 (457.49)										18,600 (457.62)										18,695 (459.93)										18,700 (460.06)										18,795 (462.37)										18,800 (462.50)										18,895 (464.81)										18,900 (464.94)										18,995 (467.25)										19,000 (467.38)										19,095 (469.69)										19,100 (469.82)										19,195 (472.13)										19,200 (472.26)										19,295 (474.57)										19,300 (474.70)										19,395 (477.01)										19,400 (477.14)										19,495 (479.45)										19,500 (479.58)										19,595 (481.89)										19,600 (482.02)										19,695 (484.33)										19,700 (484.46)										19,795 (486.77)										19,800 (486.90)										19,895 (489.21)										19,900 (489.34)										19,995 (491.65)										20,000 (491.78)										20,095 (494.09)										20,100 (494.22)										20,195 (496.53)										20,200 (496.66)										20,295 (498.97)										20,300 (499.10)										20,395 (501.41)										20,400 (501.54)										20,495 (503.85)										20,500 (503.98)										20,595 (506.29)										20,600 (506.42)										20,695 (508.73)										20,700 (508.86)										20,795 (511.17)										20,800 (511.30)										20,895 (513.61)										20,900 (513.74)										20,995 (516.05)										21,000 (516.18)										21,095 (518.49)										21,100 (518.62)										21,195 (520.93)										21,200 (521.06)										21,295 (523.37)										21,300 (523.50)										21,395 (525.81)										21,400 (525.94)										21,495 (528.25)										21,500 (528.38)										21,595 (530.69)										21,600 (530.82)										21,695 (533.13)										21,700 (533.26)										21,795 (535.57)									

10		9		8		7		6		5		4		3		2		1							
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
F	4	8			X	71973-9404	X 71973-9504	X 71973-9604	.300 (7.62)	.395 (10.03)		.658 (16.71)	33	66				X 71973-9433	X 71973-9533	X 71973-9633	3.200 (81.28)	3.295 (83.69)		3.558 (90.37)	
	5	10			X	71973-9405	X 71973-9505	X 71973-9605	.400 (10.16)	.495 (12.57)		.758 (19.25)	34	68				X 71973-9434	X 71973-9534	X 71973-9634	3.300 (83.82)	3.395 (86.23)		3.658 (92.91)	
	6	12			X	71973-9406	X 71973-9506	X 71973-9606	.500 (12.70)	.595 (15.11)		.858 (21.79)	35	70				X 71973-9435	X 71973-9535	X 71973-9635	3.400 (86.36)	3.495 (88.77)		3.758 (95.45)	
	7	14			X	71973-9407	X 71973-9507	X 71973-9607	.600 (15.24)	.695 (17.65)		.958 (24.33)	36	72				X 71973-9436	X 71973-9536	X 71973-9636	3.500 (88.90)	3.595 (91.31)		3.858 (97.99)	
	8	16			X	71973-9408	X 71973-9508	X 71973-9608	.700 (17.78)	.795 (20.19)		1.058 (26.87)													
E	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)													
D	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)													
C	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)													
B	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)													
A	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 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		EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID	
										DRAWN BY DATE CHECKED BY DATE APPROVED BY DATE MATERIAL NO.		DJB 1991/10/21 DJB 1991/10/21 MLONG 2010/01/14		TITLE SDA-71973-****		MOLEX INCORPORATED		SHEET NO. 23 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											
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 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 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 DJB 1991/10/21				TITLE EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID MOLEX INCORPORATED		SHEET NO. 24 OF 26									
																				3 PLACES ± --- ± .010				CHECKED BY DATE DJB 1991/10/21															
																				2 PLACES ± 0.25 ± ---				APPROVED BY DATE MLONG 2010/01/14															
																				1 PLACE ± --- ± ---				MATERIAL NO.										DOCUMENT NO.					
												DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SEE TABLE				SDA-71973-****																			
																SIZE A3				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																			
tb_frame_A3_P_AM_T Rev. F 2009/06/18				9				8				7				6				5				4				3				2				1			

10		9		8		7		6		5		4		3		2		1						
NO. OF CKTS		OPTION K ASSEMBLY PACKAGED IN TUBES PER PK-70873-0138 (SEE SHEET I FOR FINISH SPECIFICATIONS)					DIMENSION			NO. OF CKTS		OPTION K ASSEMBLY PACKAGED IN TUBES PER PK-70873-0138 (SEE SHEET I FOR FINISH SPECIFICATIONS)					DIMENSION							
PER ROW	TOTAL			15 GOLD	30 GOLD	50 GOLD	A	B		PER ROW	TOTAL			15 GOLD	30 GOLD	50 GOLD	A	B						
4	8			71973-6204	71973-6304	71973-6404	.300 (7.62)	.395 (10.03)		32	64			71973-6232	71973-6332	71973-6432	3.100 (78.74)	3.195 (81.15)						
5	10			71973-6205	71973-6305	71973-6405	.400 (10.16)	.495 (12.57)		33	66			71973-6233	71973-6333	71973-6433	3.200 (81.28)	3.295 (83.69)						
6	12			71973-6206	71973-6306	71973-6406	.500 (12.70)	.595 (15.11)		34	68			71973-6234	71973-6334	71973-6434	3.300 (83.82)	3.395 (86.23)						
7	14			71973-6207	71973-6307	71973-6407	.600 (15.24)	.695 (17.65)		35	70			71973-6235	71973-6335	71973-6435	3.400 (86.36)	3.495 (88.77)						
8	16			71973-6208	71973-6308	71973-6408	.700 (17.78)	.795 (20.19)		36	72			71973-6236	71973-6336	71973-6436	3.500 (88.90)	3.595 (91.31)						
9	18			71973-6209	71973-6309	71973-6409	.800 (20.32)	.895 (22.73)																
10	20			71973-6210	71973-6310	71973-6410	.900 (22.86)	.995 (25.27)																
11	22			71973-6211	71973-6311	71973-6411	1.000 (25.40)	1.095 (27.81)																
12	24			71973-6212	71973-6312	71973-6412	1.100 (27.94)	1.195 (30.35)																
13	26			71973-6213	71973-6313	71973-6413	1.200 (30.48)	1.295 (32.89)																
14	28			71973-6214	71973-6314	71973-6414	1.300 (33.02)	1.395 (35.43)																
15	30			71973-6215	71973-6315	71973-6415	1.400 (35.56)	1.495 (37.97)																
16	32			71973-6216	71973-6316	71973-6416	1.500 (38.10)	1.595 (40.51)																
17	34			71973-6217	71973-6317	71973-6417	1.600 (40.64)	1.695 (43.05)																
18	36			71973-6218	71973-6318	71973-6418	1.700 (43.18)	1.795 (45.59)																
19	38			71973-6219	71973-6319	71973-6419	1.800 (45.72)	1.895 (48.13)																
20	40			71973-6220	71973-6320	71973-6420	1.900 (48.26)	1.995 (50.67)																
21	42			71973-6221	71973-6321	71973-6421	2.000 (50.80)	2.095 (53.21)																
22	44			71973-6222	71973-6322	71973-6422	2.100 (53.34)	2.195 (55.75)																
23	46			71973-6223	71973-6323	71973-6423	2.200 (55.88)	2.295 (58.29)																
24	48			71973-6224	71973-6324	71973-6424	2.300 (58.42)	2.395 (60.83)																
25	50			71973-6225	71973-6325	71973-6425	2.400 (60.96)	2.495 (63.37)																
26	52			71973-6226	71973-6326	71973-6426	2.500 (63.50)	2.595 (65.91)																
27	54			71973-6227	71973-6327	71973-6427	2.600 (66.04)	2.695 (68.45)																
28	56			71973-6228	71973-6328	71973-6428	2.700 (68.58)	2.795 (70.99)																
29	58			71973-6229	71973-6329	71973-6429	2.800 (71.12)	2.895 (73.53)																
30	60			71973-6230	71973-6330	71973-6430	2.900 (73.66)	2.995 (76.07)																
31	62			71973-6231	71973-6331	71973-6431	3.000 (76.20)	3.095 (78.61)																
X INDICATES TOOLING IS NOT AVAILABLE							ADD OPTION K & L EC NO: S2010-0534 DRWN:SKANG CHKD:ATSEE APPR:MLONG 2009/12/30 2010/01/08 2010/01/14		QUALITY SYMBOLS FA=0 FC=0 FP=0		GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± --- 1 PLACE ± --- ± --- ANGULAR ± 1/2°		DIMENSION STYLE IN/MM DRAWN BY DATE DJB 1991/10/21 CHECKED BY DATE DJB 1991/10/21 APPROVED BY DATE MLONG 2010/01/14		SCALE NTS		DESIGN UNITS INCH		THIRD ANGLE PROJECTION					
											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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"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																		TITLE EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID MOLEX INCORPORATED SDA-71973-****																		SHEET NO. 26 OF 26																																			
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