

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0719731111](#)
Status: **Active**
Overview: [cgrid_sl_products](#)
Description: 2.54mm (.100") Pitch C-Grid® PCB Connector, Dual Row, Right Angle, Early Entry Receptacle, with Flange, 22 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

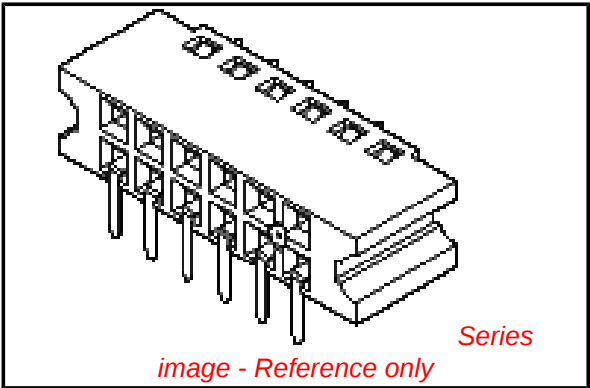
Circuits (Loaded)	22
Color - Resin	Black
Durability (mating cycles max)	50
Flammability	94V-0
Glow-Wire Compliant	No
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	2
Orientation	Right Angle
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:

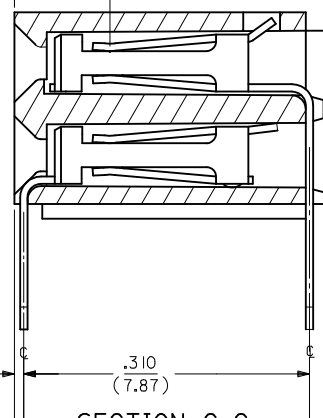
- 1.) MATERIAL -
INSULATOR - LCP, UL 94V-0, COLOR BLACK
CONTACTS - PHOSPHOR BRONZE
- 2.) SEE SHT. 5 & 6 FOR CHART DIMENSIONS AND EDP NO.'S
- 3.) RECOMMENDED MATING PIN LENGTH:
LOWER ROW - .200" MIN., .285" MAX.
UPPER ROW - .200" MIN.
- 4.) REFER TO PRODUCT SPECIFICATION PS-71973-9999 FOR PERFORMANCE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

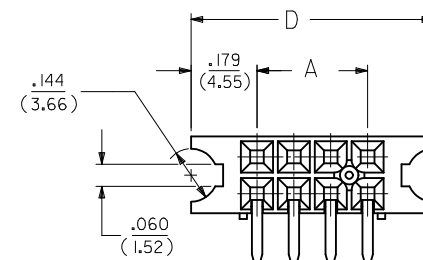
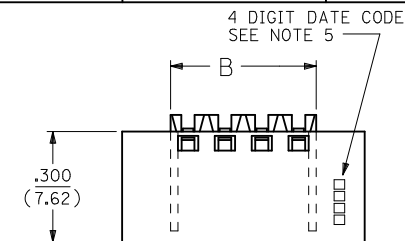
- 15 GOLD .000015 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000075 MINIMUM TIN PLATE IN SELECT AREA.
- 30 GOLD .000030 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000075 MINIMUM TIN PLATE IN SELECT AREA.
- 50 GOLD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



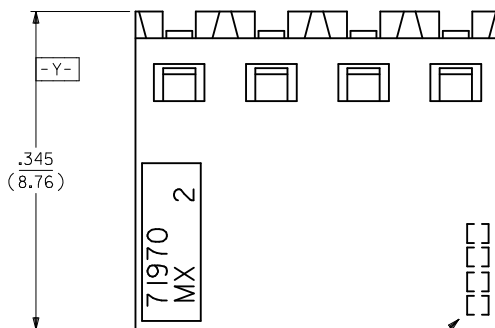
OPTION "B" ASSEMBLY

STD. HOUSING W/MOUNTING EARS
SCALE 4:1

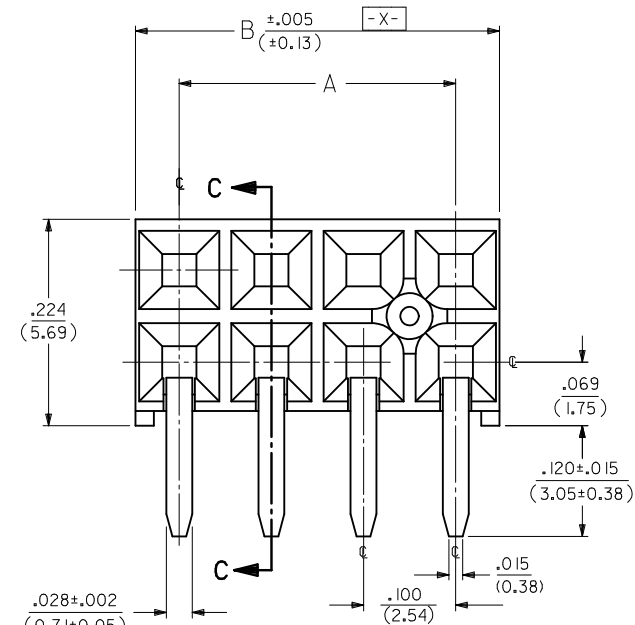
REFER TO OPT. A FOR ALL OTHER INFORMATION

OPTION "J" ASSEMBLY

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



4 DIGIT DATE CODE
SEE NOTE 5



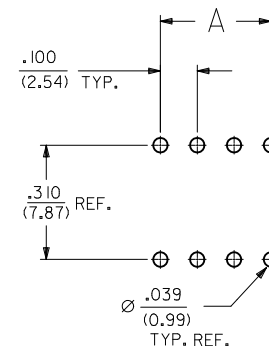
- ⊕ .015 ⊕ TAIL TO TAIL
⊕ .020 ⊕ X ⊕ Y ⊕ TAIL TO INSULATOR

OPTION "A" ASSEMBLY

STANDARD HOUSING

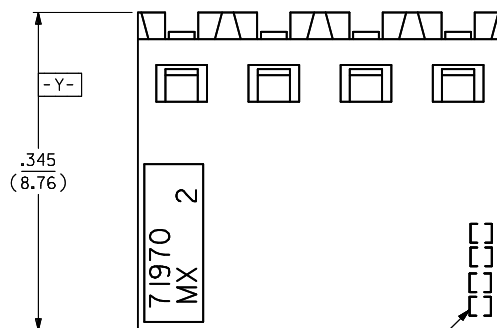
NOTE FOR LEAD FREE CONVERSION:

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.

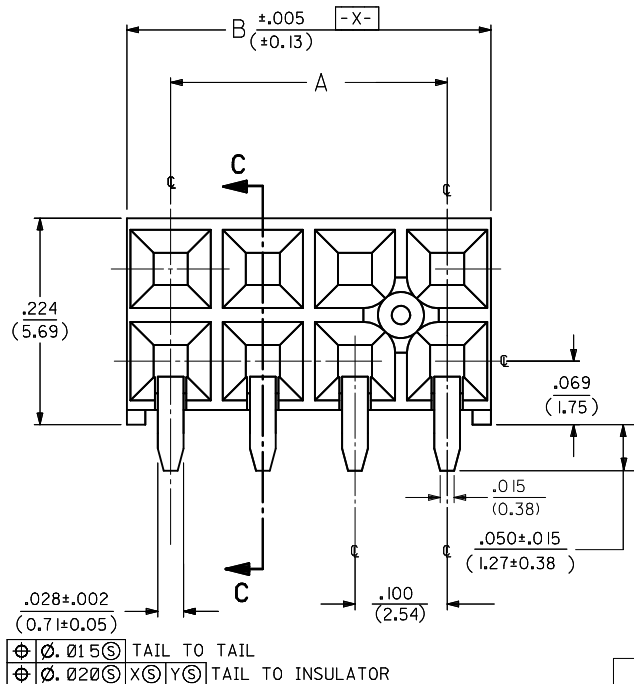


RECOMMENDED P.C.B.
LAYOUT

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



4 DIGIT DATE CODE
SEE NOTE 5



OPTION "C" ASSEMBLY
STANDARD HOUSING

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

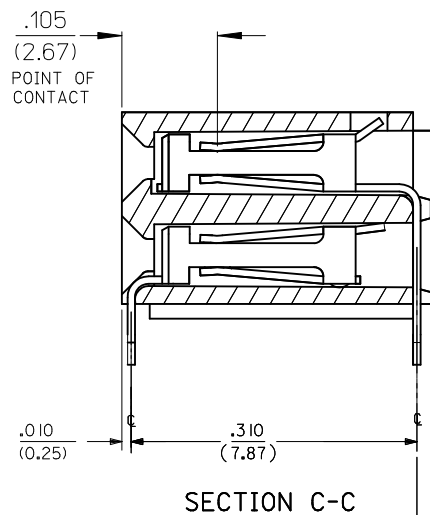
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Rev. F 2009/06/18

NOTES:

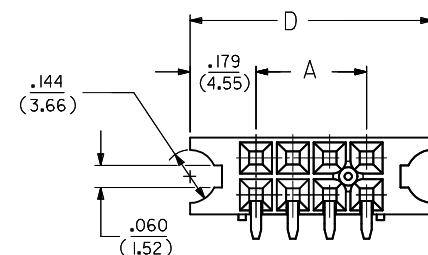
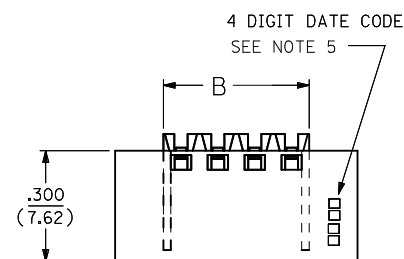
- 1.) MATERIAL-
INSULATOR - LCP, UL 94V-0, COLOR BLACK
CONTACTS - PHOSPHOR BRONZE
- 2.) SEE SHT. 9 & 10 FOR CHART DIMENSIONS AND EDP NO.'S
- 3.) RECOMMENDED MATING PIN LENGTH:
LOWER ROW - .200" MIN., .285" MAX.
UPPER ROW - .200" MIN.
- 4.) REFER TO PRODUCT SPECIFICATION PS-71973-9999 FOR
PERFORMANCE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

FINISHES

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

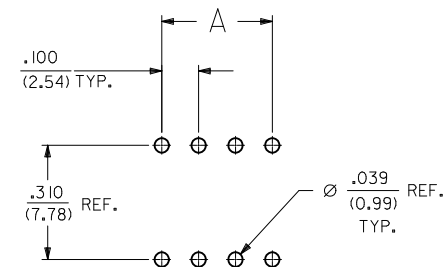


SECTION C-C



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

REFER TO OPT. C FOR ALL OTHER INFORMATION



RECOMMENDED P.C.B. LAYOUT

ADD OPTION K & L		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
EC NO: S2010-0534		2009/12/30		mm		IN/MM		NTS		INCH			
DRWN:SKANG		2010/01/08		4 PLACES		DRAWN BY		DATE		TITLE			
CHKD:ATSEE		2010/01/14		3 PLACES		CHECKED BY		DATE		DATE			
APPR:MLONG		2010/01/14		2 PLACES		APPROVED BY		DATE		DATE			
				1 PLACE		MLONG		2010/01/14		MOLEX INCORPORATED			
						MATERIAL NO.		DOCUMENT NO.		SDA-71973-****			
						SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
						A3							

tb_frame_A3_P_AM_T
Rev. F 2009/06/18

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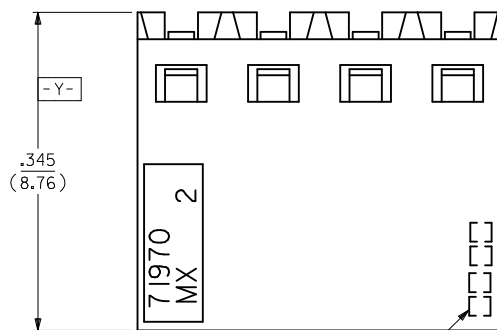
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4

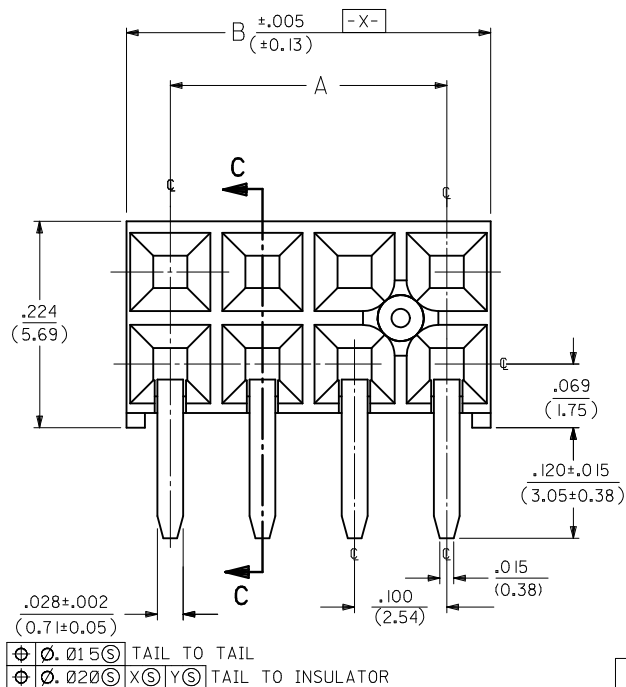
3

2

1



4 DIGIT DATE CODE
SEE NOTE 5



OPTION "E" ASSEMBLY
STANDARD HOUSING

NOTE FOR LEAD FREE CONVERSION:

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

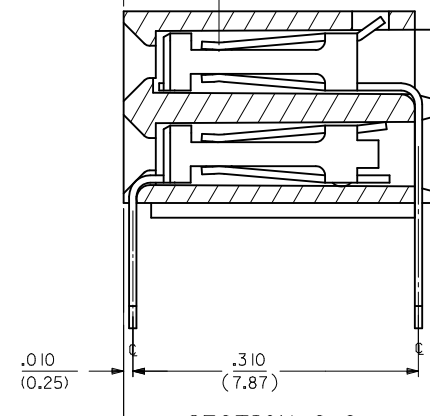
NOTES:

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

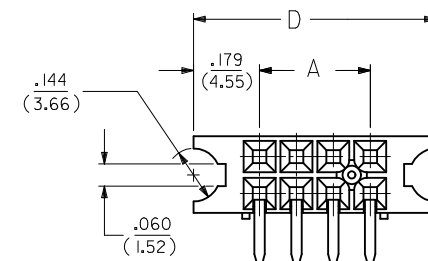
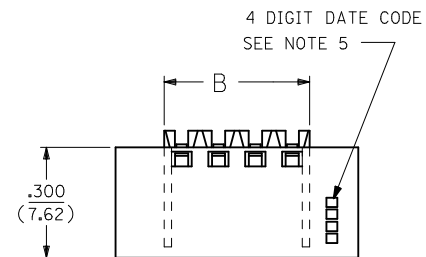
FINISHES

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

.105
(2.67)
POINT OF
CONTACT

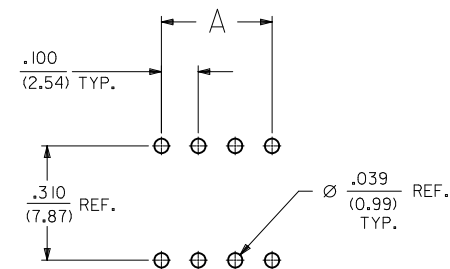


SECTION C-C



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

REFER TO OPT. E FOR ALL OTHER INFORMATION



RECOMMENDED P.C.B. LAYOUT

GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
		IN/MM		NTS		INCH			
		mm	INCH	DRAWN BY	DATE	TITLE			
4 PLACES		± .005	± .002	DJB	1991/10/21	EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID MOLEX INCORPORATED		SDA-71973-**** 3 OF 26	
3 PLACES		± .010	± .005	CHECKED BY	DATE				
2 PLACES		± 0.25	± .010	DJB	1991/10/21				
1 PLACE		± .010	± .005	APPROVED BY	DATE				
ANGULAR ± 1/2°				MLONG	2010/01/14				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		MATERIAL NO.		DOCUMENT NO.			
		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

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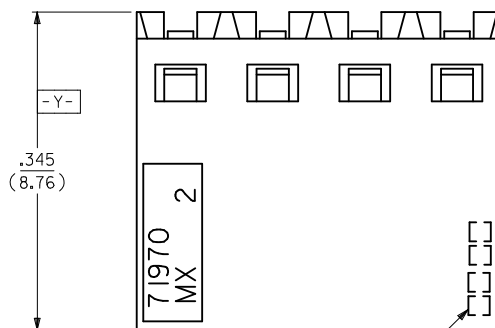
4

3

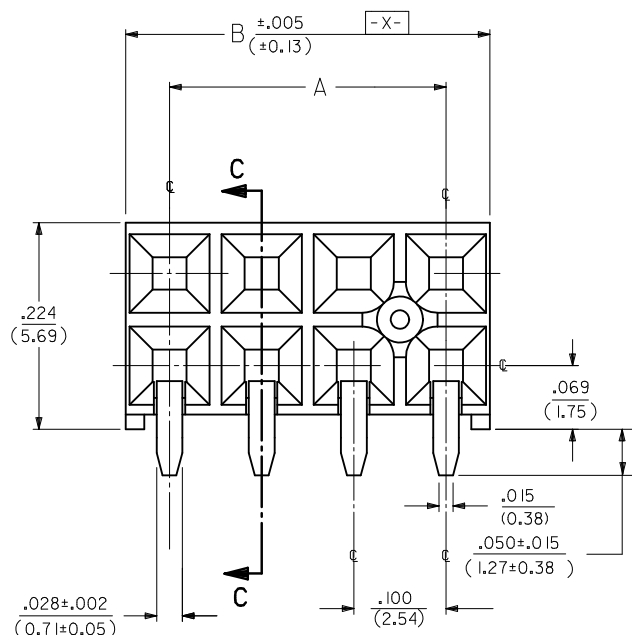
2

1

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

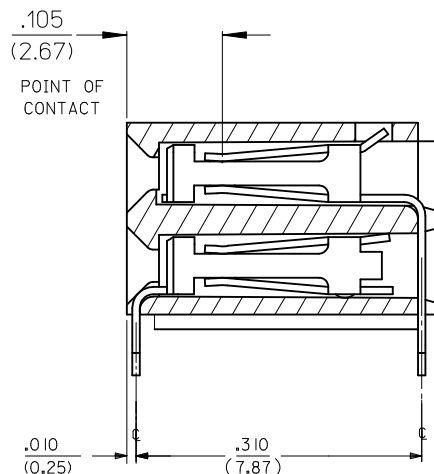
NOTE FOR LEAD FREE CONVERSION:

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.

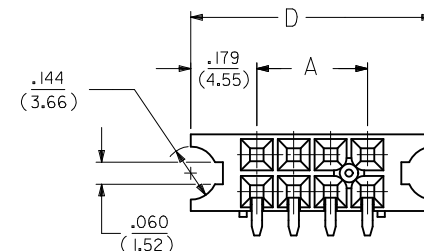
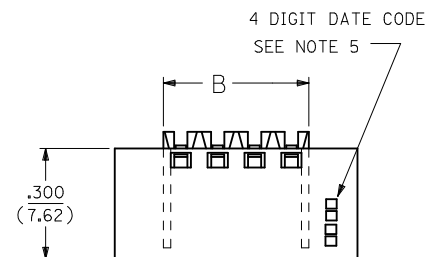
- NOTES:**
- 1.) MATERIAL -
INSULATOR - LCP, UL 94V-0, COLOR BLACK
CONTACTS - PHOSPHOR BRONZE
 - 2.) SEE SHT. 17 & 18 FOR CHART DIMENSIONS AND EDP NO.'S
 - 3.) RECOMMENDED MATING PIN LENGTH:
LOWER ROW - .200" MIN., .250" MAX.
UPPER ROW - .200" MIN.
 - 4.) REFER TO PRODUCT SPECIFICATION PS-71973-9999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

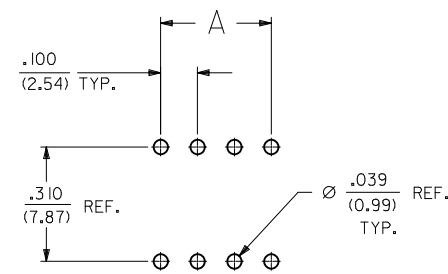


SECTION C-C



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

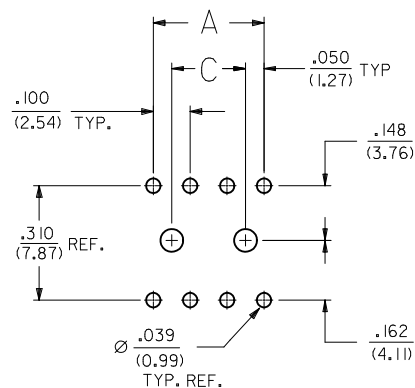
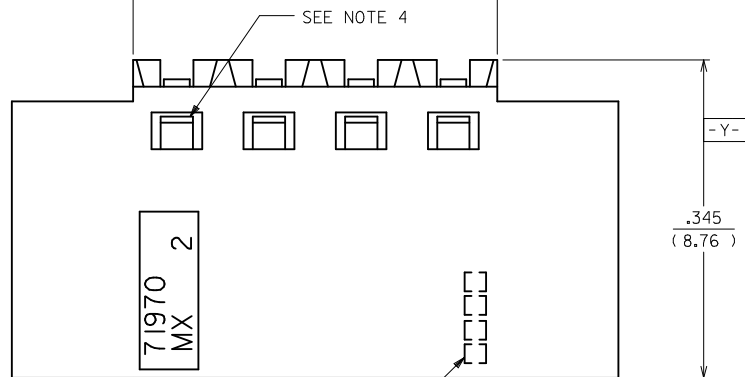
REFER TO OPT. G FOR ALL OTHER INFORMATION



RECOMMENDED P.C.B. LAYOUT

GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE NTS	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
		mm	INCH	DRAWN BY	DATE	TITLE	
4 PLACES		± .005	± .005	DJB	1991/10/21	EARLY ENTRY R/A RECPT	
3 PLACES		± .010	± .010	CHECKED BY	DATE	.120" PC TAIL W/O LOWER	
2 PLACES		± 0.25	± .010	DJB	1991/10/21	ROW PINSTOP-.100" GRID	
1 PLACE		± .010	± .010	APPROVED BY	DATE	MOLEX INCORPORATED	
ANGULAR		± 1/2°	± 1/2°	MLONG	2010/01/14	DOCUMENT NO.	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		MATERIAL NO.		SDA-71973-****	
SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SHEET NO.		4 OF 26	

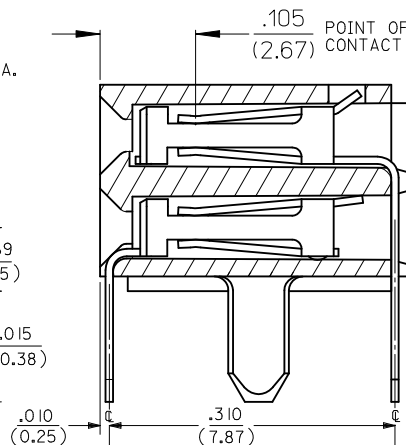
10 9 8 7 6 5 4 3 2 1



RECOMMENDED P.C.B.
LAYOUT

SCALE 4:1

SECTION D-D



NOTES:

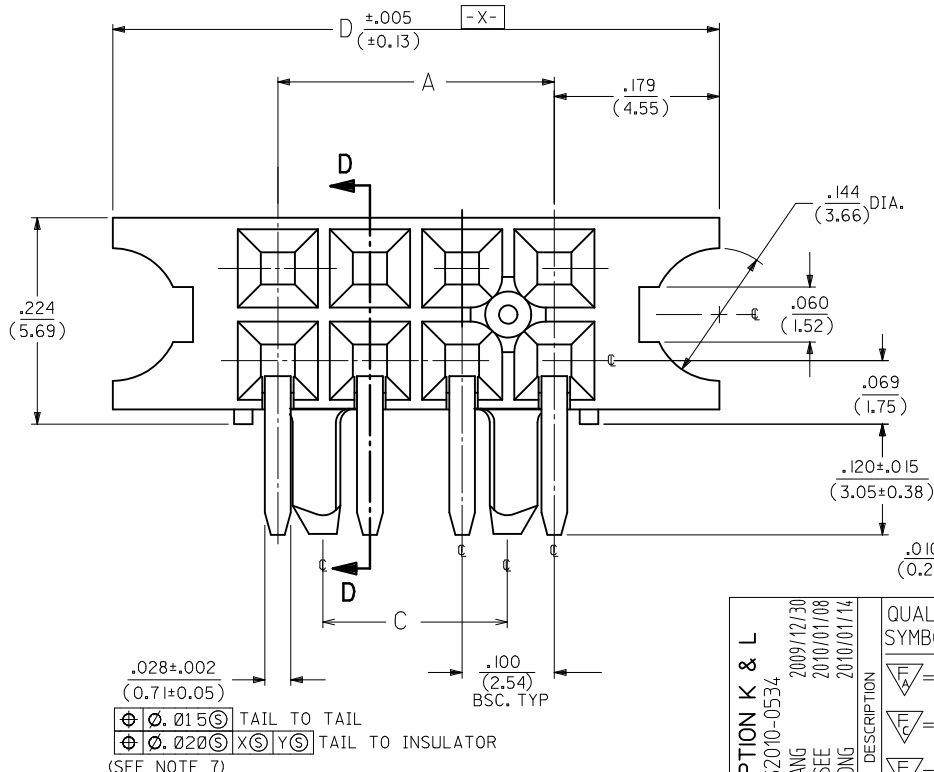
- 1.) MATERIAL -
INSULATOR - LCP, UL 94V-0, COLOR BLACK
CONTACTS - PHOSPHOR BRONZE
- 2.) SEE SHT. 22 FOR CHART DIMENSIONS AND ITEM NO.'S
- 3.) RECOMMENDED MATING PIN LENGTH:
LOWER ROW - .200" MINIMUM, .285" MAX.
UPPER ROW - .200" MINIMUM
- 4.) REFER TO PRODUCT SPECIFICATION PS-71973-9999 FOR PERFORMANCE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

FINISHES PER ES-88-(***)

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

NOTE FOR LEAD FREE CONVERSION:

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



OPTION "I" ASSEMBLY

STANDARD HOUSING W/ PEGS AND MOUNTING EARS

REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
K	ADD OPTION K & L EC NO: S2010-0534 DRWN:SKANG CHKD:ATSEE APPR:MLONG 2009/12/30 2010/01/08 2010/01/14	$F_A=0$ $F_G=0$ $F_P=0$	4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± --- 1 PLACE ± --- ± --- ANGULAR ± 1/2°	IN/MM	NTS	INCH	THIRD ANGLE PROJECTION

REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
K	ADD OPTION K & L EC NO: S2010-0534 DRWN:SKANG CHKD:ATSEE APPR:MLONG 2009/12/30 2010/01/08 2010/01/14	$F_A=0$ $F_G=0$ $F_P=0$	4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± --- 1 PLACE ± --- ± --- ANGULAR ± 1/2°	IN/MM	NTS	INCH	THIRD ANGLE PROJECTION

REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
K	ADD OPTION K & L EC NO: S2010-0534 DRWN:SKANG CHKD:ATSEE APPR:MLONG 2009/12/30 2010/01/08 2010/01/14	$F_A=0$ $F_G=0$ $F_P=0$	4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± --- 1 PLACE ± --- ± --- ANGULAR ± 1/2°	IN/MM	NTS	INCH	THIRD ANGLE PROJECTION

REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
K	ADD OPTION K & L EC NO: S2010-0534 DRWN:SKANG CHKD:ATSEE APPR:MLONG 2009/12/30 2010/01/08 2010/01/14	$F_A=0$ $F_G=0$ $F_P=0$	4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± --- 1 PLACE ± --- ± --- ANGULAR ± 1/2°	IN/MM	NTS	INCH	THIRD ANGLE PROJECTION

EARLY ENTRY R/A RECPT
.120"PC TAIL W/O LOWER
ROW PINSTOP-.100" GRID



MOLEX INCORPORATED

MATERIAL NO.

DOCUMENT NO.

SDA-71973-****

SHEET NO.

5 OF 26

SEE TABLE

SIZE
A3

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

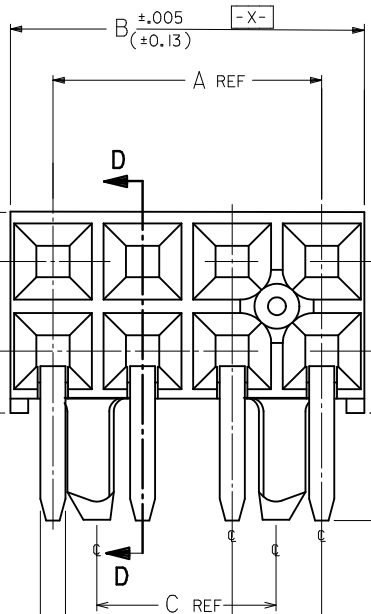
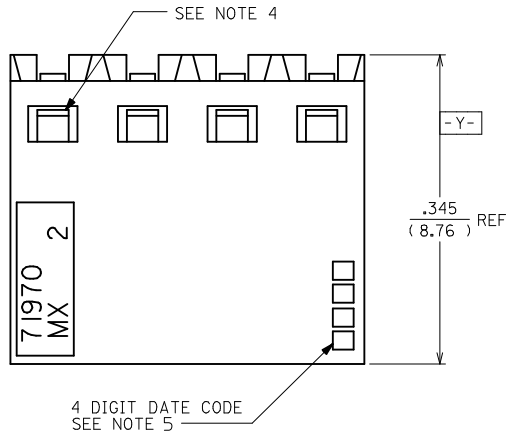
9 8 7 6 5 4 3 2 1

FINISHES

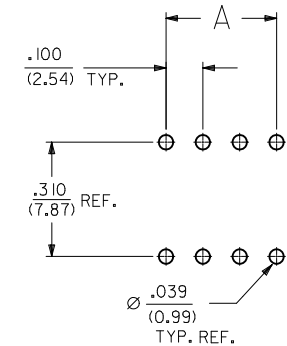
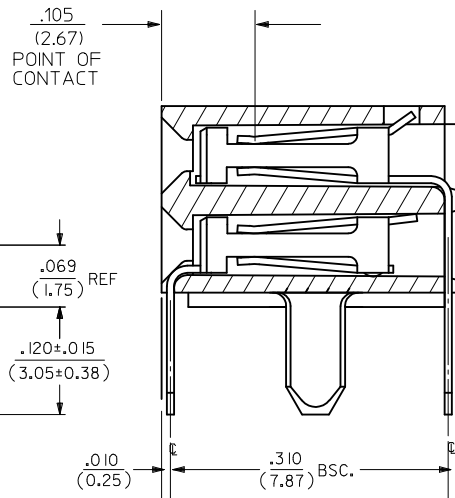
- 15 GOLD .000015 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000075 MINIMUM TIN PLATE IN SELECT AREA.
- 30 GOLD .000030 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000075 MINIMUM TIN PLATE IN SELECT AREA.
- 50 GOLD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

NOTES:

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



SECTION D-D



RECOMMENDED P.C.B.
LAYOUT

.028±.002
(0.71±0.05)

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

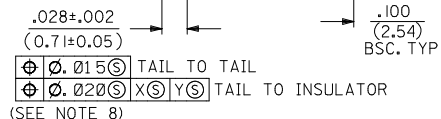
OPTION "K" ASSEMBLY
STANDARD HOUSING W/ PEGS

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		SCALE	DESIGN UNITS	 THIRD ANGLE PROJECTION			
									IN/MM		NTS	INCH				
						mm			INCH		DRAWN BY		DATE		TITLE	
						4 PLACES ± --- ± ---			DJB		1991/10/21					
						3 PLACES ± --- ± .010			CHECKED BY		DATE					
2 PLACES ± 0.25 ± ---			DJB		1991/10/21		 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.									
			SEE TABLE		SDA-71973-****		6 OF 26									
			SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											

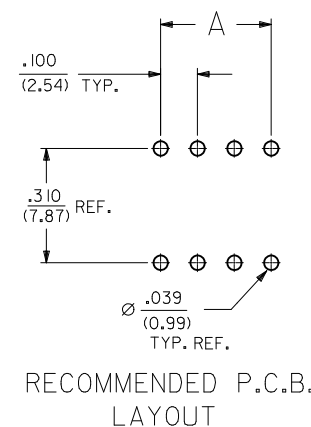
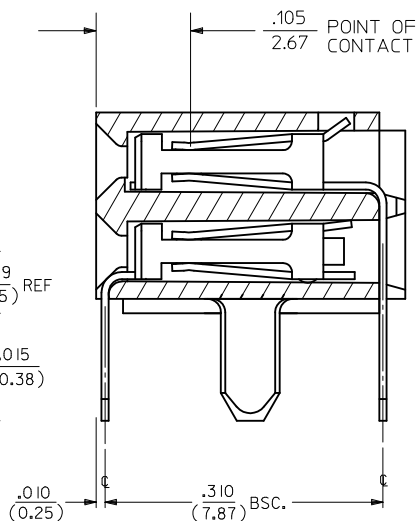


<u>FINISHES</u>			
15	GOLD	.000015 MINIMUM .000050 MINIMUM .000075 MINIMUM	GOLD PLATE IN SELECT AREA OVER NICKEL UNDERPLATE OVER-ALL WITH TIN PLATE IN SELECT AREA.
30	GOLD	.000030 MINIMUM .000050 MINIMUM .000075 MINIMUM	GOLD PLATE IN SELECT AREA OVER NICKEL UNDERPLATE OVER-ALL WITH TIN PLATE IN SELECT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

- 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



ADD OPTION K & L EC NO: S2010-0534 2009/12/30 DRWN:SKANG CHK'D: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		
		$\nabla = 0$ $\nabla = 0$ $\nabla = 0$		mm	INCH	DRAWN BY	DATE	TITLE EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID			
			4 PLACES	$\pm \text{---}$	$\pm \text{---}$	DJB	1991/10/21				
			3 PLACES	$\pm \text{---}$	$\pm .010$	CHECKED BY	DATE	MOLEX MOLEX INCORPORATED			
			2 PLACES	± 0.25	$\pm \text{---}$	DJB	1991/10/21				
			1 PLACE	$\pm \text{---}$	$\pm \text{---}$	APPROVED BY	DATE				
ANGULAR $\pm 1/2^\circ$		MLONG	2010/01/14	SHEET NO. 7 OF 26							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE TABLE									
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											

[illegible]

tb_frame_A3_P_AM_T
Rev. F 2009/06/18

tb_frame_A3_P_AM_T
Rev. F 2009/06/18

tb_frame_A3_P_AM_T
Rev. F 2009/06/18

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

tb_frame_A3_P_AM_T
Rev. F 2009/06/18

	10		9		8		7		6		5		4		3		2		1						
F	NO. OF CKTS		OPTION 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	TITLE EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID MOLEX INCORPORATED		SHEET NO. 16 OF 26				
													DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	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											

10		9		8		7		6		5		4		3		2		1					
NO. OF CKTS		OPTION F ASSEMBLY PACKAGED IN TUBES PER PK-70873-0139 (SEE SHEET I FOR FINISH SPECIFICATIONS)						DIMENSION				NO. OF CKTS		OPTION F 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	PER ROW	TOTAL			15 GOLD	30 GOLD	50 GOLD	A	B		D		
4	8			71973-4204	71973-4304	71973-4404	.300 (7.62)	.395 (10.03)		.658 (16.71)	34	68			71973-4234	71973-4334	71973-4434	3.300 (83.82)	3.395 (86.23)		3.658 (92.91)		
5	10			71973-4205	71973-4305	71973-4405	.400 (10.16)	.495 (12.57)		.758 (19.25)	35	70			71973-4235	71973-4335	71973-4435	3.400 (86.36)	3.495 (88.77)		3.758 (95.45)		
6	12			71973-4206	71973-4306	71973-4406	.500 (12.70)	.595 (15.11)		.858 (21.79)	36	72			71973-4236	71973-4336	71973-4436	3.500 (88.90)	3.595 (91.31)		3.858 (97.99)		
7	14			71973-4207	71973-4307	71973-4407	.600 (15.24)	.695 (17.65)		.958 (24.33)													
8	16			71973-4208	71973-4308	71973-4408	.700 (17.78)	.795 (20.19)		1.058 (26.87)													
9	18			71973-4209	71973-4309	71973-4409	.800 (20.32)	.895 (22.73)		1.158 (29.41)													
10	20			71973-4210	71973-4310	71973-4410	.900 (22.86)	.995 (25.27)		1.258 (31.95)													
11	22			71973-4211	71973-4311	71973-4411	1.000 (25.40)	1.095 (27.81)		1.358 (34.49)													
12	24			71973-4212	71973-4312	71973-4412	1.100 (27.94)	1.195 (30.35)		1.458 (37.03)													
13	26			71973-4213	71973-4313	71973-4413	1.200 (30.48)	1.295 (32.89)		1.558 (39.57)													
14	28			71973-4214	71973-4314	71973-4414	1.300 (33.02)	1.395 (35.43)		1.658 (42.11)													
15	30			71973-4215	71973-4315	71973-4415	1.400 (35.56)	1.495 (37.97)		1.758 (44.65)													
16	32			71973-4216	71973-4316	71973-4416	1.500 (38.10)	1.595 (40.51)		1.858 (47.19)													
17	34			71973-4217	71973-4317	71973-4417	1.600 (40.64)	1.695 (43.05)		1.958 (49.73)													
18	36			71973-4218	71973-4318	71973-4418	1.700 (43.18)	1.795 (45.59)		2.058 (52.27)													
19	38			71973-4219	71973-4319	71973-4419	1.800 (45.72)	1.895 (48.13)		2.158 (54.81)													
20	40			71973-4220	71973-4320	71973-4420	1.900 (48.26)	1.995 (50.67)		2.258 (57.35)													
21	42			71973-4221	71973-4321	71973-4421	2.000 (50.80)	2.095 (53.21)		2.358 (59.89)													
22	44			71973-4222	71973-4322	71973-4422	2.100 (53.34)	2.195 (55.75)		2.458 (62.43)													
23	46			71973-4223	71973-4323	71973-4423	2.200 (55.88)	2.295 (58.29)		2.558 (64.97)													
24	48			71973-4224	71973-4324	71973-4424	2.300 (58.42)	2.395 (60.83)		2.658 (67.51)													
25	50			71973-4225	71973-4325	71973-4425	2.400 (60.96)	2.495 (63.37)		2.758 (70.05)													
26	52			71973-4226	71973-4326	71973-4426	2.500 (63.50)	2.595 (65.91)		2.858 (72.59)													
27	54			71973-4227	71973-4327	71973-4427	2.600 (66.04)	2.695 (68.45)		2.958 (75.13)													
28	56			71973-4228	71973-4328	71973-4428	2.700 (68.58)	2.795 (70.99)		3.058 (77.67)													
29	58			71973-4229	71973-4329	71973-4429	2.800 (71.12)	2.895 (73.53)		3.158 (80.21)													
30	60			71973-4230	71973-4330	71973-4430	2.900 (73.66)	2.995 (76.07)		3.258 (82.75)													
31	62			71973-4231	71973-4331	71973-4431	3.000 (76.20)	3.095 (78.61)		3.358 (85.29)													
32	64			71973-4232	71973-4332	71973-4432	3.100 (78.74)	3.195 (81.15)		3.458 (87.83)													
33	66			71973-4233	71973-4333	71973-4433	3.200 (81.28)	3.295 (83.69)		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 REV		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				
													DRAWN BY DATE		TITLE								
													CHECKED BY DATE										
													APPROVED BY DATE										
									ANGULAR ±1/2°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		MATERIAL NO.		DOCUMENT NO.		SHEET NO.				
													SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				17 OF 26				
fb_frame_A3_P_AM_T Rev. F 2009/06/18		9		8		7		6		5		4		3		2		1					

10		9		8		7		6		5		4		3		2		1					
NO. OF CKTS		OPTION E ASSEMBLY PACKAGED IN 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				
													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		MATERIAL NO. SEE TABLE		DOCUMENT NO. SDA-71973-****				SHEET NO. 18 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												
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 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																																																																																				
F										I5 GOLD															30 GOLD															50 GOLD															F										I5 GOLD															30 GOLD															50 GOLD															F										I5 GOLD															30 GOLD															50 GOLD														
4										8															X 71973-5004															X 71973-5104															X 71973-5204															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															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															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															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															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																																																																																																													
E										10															X 71973-5010															X 71973-5110															X 71973-5210																																																																																																													
										11															X 71973-5011															X 71973-5111															X 71973-5211																																																																																																													
										12															X 71973-5012															X 71973-5112															X 71973-5212																																																																																																													
										13															X 71973-5013															X 71973-5113															X 71973-5213																																																																																																													
										14															X 71973-5014															X 71973-5114															X 71973-5214																																																																																																													
										15															X 71973-5015															X 71973-5115															X 71973-5215																																																																																																													
D										16															X 71973-5016															X 71973-5116															X 71973-5216																																																																																																													
										17															X 71973-5017															X 71973-5117															X 71973-5217																																																																																																													
										18															X 71973-5018															X 71973-5118															X 71973-5218																																																																																																													
										19															X 71973-5019															X 71973-5119															X 71973-5219																																																																																																													
										20															X 71973-5020															X 71973-5120															X 71973-5220																																																																																																													
										21															X 71973-5021															X 71973-5121															X 71973-5221																																																																																																													
										22															X 71973-5022															X 71973-5122															X 71973-5222																																																																																																													
C										23															X 71973-5023															X 71973-5123															X 71973-5223																																																																																																													
										24															X 71973-5024															X 71973-5124															X 71973-5224																																																																																																													
										25															X 71973-5025															X 71973-5125															X 71973-5225																																																																																																													
										26															X 71973-5026															X 71973-5126															X 71973-5226																																																																																																													
										27															X 71973-5027															X 71973-5127															X 71973-5227																																																																																																													
										28															X 71973-5028															X 71973-5128															X 71973-5228																																																																																																													
B										29															X 71973-5029															X 71973-5129															X 71973-5229																																																																																																													
										30															X 71973-5030															X 71973-5130															X 71973-5230																																																																																																													
										31															X 71973-5031															X 71973-5131															X 71973-5231																																																																																																													
A										"X" INDICATES TOOLING IS NOT AVAILABLE.															ADD OPTION K & L EC NO: S2010-0534 DRWN:SKANG CHKD:ATSEE APPR:MLONG															2009/12/30 2010/01/08 2010/01/14															QUALITY SYMBOLS F=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 EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID MOLEX INCORPORATED SDA-71973-****															SHEET NO. 20 OF 26																																																	
fb_frame_A3_P_AM_T Rev. F 2009/06/18										9															8															7															6															5															4															3															2															1																																		

10			9			8			7			6			5			4			3			2			1		
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																											
													A	B															
	4	8			X	71973-5804	X	71973-5904	X	71973-6004	.300 (7.62)	.395 (10.03)		.658 (16.71)			X	71973-5831	X	71973-5931	X	71973-6031	3.000 (76.20)	3.095 (78.61)		3.358 (85.29)			
	5	10			X	71973-5805	X	71973-5905	X	71973-6005	.400 (10.16)	.495 (12.57)		.758 (19.25)			X	71973-5832	X	71973-5932	X	71973-6032	3.100 (78.74)	3.195 (81.15)		3.458 (87.83)			
	6	12			X	71973-5806	X	71973-5906	X	71973-6006	.500 (12.70)	.595 (15.11)		.858 (21.79)			X	71973-5833	X	71973-5933	X	71973-6033	3.200 (81.28)	3.295 (83.69)		3.558 (90.37)			
E	7	14			X	71973-5807	X	71973-5907	X	71973-6007	.600 (15.24)	.695 (17.65)		.958 (24.33)			X	71973-5834	X	71973-5934	X	71973-6034	3.300 (83.82)	3.395 (86.23)		3.658 (92.91)			
	8	16			X	71973-5808	X	71973-5908	X	71973-6008	.700 (17.78)	.795 (20.19)		1.058 (26.87)			X	71973-5835	X	71973-5935	X	71973-6035	3.400 (86.36)	3.495 (88.77)		3.758 (95.45)			
	9	18			X	71973-5809	X	71973-5909	X	71973-6009	.800 (20.32)	.895 (22.73)		1.158 (29.41)			X	71973-5836	X	71973-5936	X	71973-6036	3.500 (88.90)	3.595 (91.31)		3.858 (97.99)			
	10	20			X	71973-5810	X	71973-5910	X	71973-6010	.900 (22.86)	.995 (25.27)		1.258 (31.95)															
	11	22			X	71973-5811	X	71973-5911	X	71973-6011	1.000 (25.40)	1.095 (27.81)		1.358 (34.49)															
	12	24			X	71973-5812	X	71973-5912	X	71973-6012	1.100 (27.94)	1.195 (30.35)		1.458 (37.03)															
	13	26			X	71973-5813	X	71973-5913	X	71973-6013	1.200 (30.48)	1.295 (32.89)		1.558 (39.57)															
D	14	28			X	71973-5814	X	71973-5914	X	71973-6014	1.300 (33.02)	1.395 (35.43)		1.658 (42.11)															
	15	30			X	71973-5815	X	71973-5915	X	71973-6015	1.400 (35.56)	1.495 (37.97)		1.758 (44.65)															
	16	32			X	71973-5816	X	71973-5916	X	71973-6016	1.500 (38.10)	1.595 (40.51)		1.858 (47.19)															
	17	34			X	71973-5817	X	71973-5917	X	71973-6017	1.600 (40.64)	1.695 (43.05)		1.958 (49.73)															
	18	36			X	71973-5818	X	71973-5918	X	71973-6018	1.700 (43.18)	1.795 (45.59)		2.058 (52.27)															
	19	38			X	71973-5819	X	71973-5919	X	71973-6019	1.800 (45.72)	1.895 (48.13)		2.158 (54.81)															
C	20	40			X	71973-5820	X	71973-5920	X	71973-6020	1.900 (48.26)	1.995 (50.67)		2.258 (57.35)															
	21	42			X	71973-5821	X	71973-5921	X	71973-6021	2.000 (50.80)	2.095 (53.21)		2.358 (59.89)															
	22	44			X	71973-5822	X	71973-5922	X	71973-6022	2.100 (53.34)	2.195 (55.75)		2.458 (62.43)															
	23	46			X	71973-5823	X	71973-5923	X	71973-6023	2.200 (55.88)	2.295 (58.29)		2.558 (64.97)															
	24	48			X	71973-5824	X	71973-5924	X	71973-6024	2.300 (58.42)	2.395 (60.83)		2.658 (67.51)															
	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.

A	"X" INDICATES TOOLING IS NOT AVAILABLE.										QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE IN/MM		SCALE NTS	DESIGN UNITS INCH		THIRD ANGLE PROJECTION		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	$\nabla_A=0$ $\nabla_C=0$ $\nabla_P=0$	4 PLACES	mm	INCH	DRAWN BY	DATE	TITLE EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID	MOLEX MOLEX INCORPORATED		DOCUMENT NO. SDA-71973-****	SHEET NO. 21 OF 26									
					± ---	± ---	DJB	1991/10/21														
					3 PLACES	± ---	± .010	CHECKED BY						DATE								
					2 PLACES	± 0.25	± ---	DJB						1991/10/21								
					1 PLACE	± ---	± ---	APPROVED BY						DATE								
					ANGULAR	± 1/2°	MLONG	2010/01/14														
K	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																		

10		9		8		7		6		5		4		3		2		1					
NO. OF CKTS		OPTION G ASSEMBLY PACKAGED IN TRAYS PER PK-70873-0239 (SEE SHEET I FOR FINISH SPECIFICATIONS)						DIMENSION				NO. OF CKTS		OPTION G 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			PER ROW	TOTAL			15 GOLD	30 GOLD	50 GOLD	A	B				
4	8			71973-9004	71973-9104	71973-9204	.300 (7.62)	.395 (10.03)			34	68			71973-9034	71973-9134	71973-9234	3.300 (83.82)	3.395 (86.23)				
5	10			71973-9005	71973-9105	71973-9205	.400 (10.16)	.495 (12.57)			35	70			71973-9035	71973-9135	71973-9235	3.400 (86.36)	3.495 (88.77)				
6	12			71973-9006	71973-9106	71973-9206	.500 (12.70)	.595 (15.11)			36	72			71973-9036	71973-9136	71973-9236	3.500 (88.90)	3.595 (91.31)				
7	14			71973-9007	71973-9107	71973-9207	.600 (15.24)	.695 (17.65)															
8	16			71973-9008	71973-9108	71973-9208	.700 (17.78)	.795 (20.19)															
9	18			71973-9009	71973-9109	71973-9209	.800 (20.32)	.895 (22.73)															
10	20			71973-9010	71973-9110	71973-9210	.900 (22.86)	.995 (25.27)															
11	22			71973-9011	71973-9111	71973-9211	1.000 (25.40)	1.095 (27.81)															
12	24			71973-9012	71973-9112	71973-9212	1.100 (27.94)	1.195 (30.35)															
13	26			71973-9013	71973-9113	71973-9213	1.200 (30.48)	1.295 (32.89)															
14	28			71973-9014	71973-9114	71973-9214	1.300 (33.02)	1.395 (35.43)															
15	30			71973-9015	71973-9115	71973-9215	1.400 (35.56)	1.495 (37.97)															
16	32			71973-9016	71973-9116	71973-9216	1.500 (38.10)	1.595 (40.51)															
17	34			71973-9017	71973-9117	71973-9217	1.600 (40.64)	1.695 (43.05)															
18	36			71973-9018	71973-9118	71973-9218	1.700 (43.18)	1.795 (45.59)															
19	38			71973-9019	71973-9119	71973-9219	1.800 (45.72)	1.895 (48.13)															
20	40			71973-9020	71973-9120	71973-9220	1.900 (48.26)	1.995 (50.67)															
21	42			71973-9021	71973-9121	71973-9221	2.000 (50.80)	2.095 (53.21)															
22	44			71973-9022	71973-9122	71973-9222	2.100 (53.34)	2.195 (55.75)															
23	46			71973-9023	71973-9123	71973-9223	2.200 (55.88)	2.295 (58.29)															
24	48			71973-9024	71973-9124	71973-9224	2.300 (58.42)	2.395 (60.83)															
25	50			71973-9025	71973-9125	71973-9225	2.400 (60.96)	2.495 (63.37)															
26	52			71973-9026	71973-9126	71973-9226	2.500 (63.50)	2.595 (65.91)															
27	54			71973-9027	71973-9127	71973-9227	2.600 (66.04)	2.695 (68.45)															
28	56			71973-9028	71973-9128	71973-9228	2.700 (68.58)	2.795 (70.99)															
29	58			71973-9029	71973-9129	71973-9229	2.800 (71.12)	2.895 (73.53)															
30	60			71973-9030	71973-9130	71973-9230	2.900 (73.66)	2.995 (76.07)															
31	62			71973-9031	71973-9131	71973-9231	3.000 (76.20)	3.095 (78.61)															
32	64			71973-9032	71973-9132	71973-9232	3.100 (78.74)	3.195 (81.15)															
33	66			71973-9033	71973-9133	71973-9233	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 K		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 DJB 1991/10/21		TITLE EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID								
											4 PLACES ± --- ± ---		CHECKED BY DATE DJB 1991/10/21		molex MOLEX INCORPORATED		SHEET NO. 22 OF 26						
											3 PLACES ± --- ± .010												
											2 PLACES ± 0.25 ± ---		APPROVED BY DATE MLONG 2010/01/14										
											1 PLACE ± --- ± ---		MATERIAL NO.		DOCUMENT NO.								
											ANGULAR ±1/2°		SEE TABLE		SDA-71973-****								
											DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								
fb_frame_A3_P_AM.T Rev. F 2009/06/18		9		8		7		6		5		4		3		2		1					

10		9		8		7		6		5		4		3		2		1								
NO. OF CKTS		OPTION H ASSEMBLY PACKAGED IN TRAYS PER PK-70873-0239 (SEE SHEET I FOR FINISH SPECIFICATIONS)						DIMENSION				NO. OF CKTS		OPTION H ASSEMBLY PACKAGED IN TRAYS PER PK-70873-0239 (SEE SHEET I FOR FINISH SPECIFICATIONS)						DIMENSION						
PER ROW	TOTAL				I5 GOLD	30 GOLD	50 GOLD	A	B			D	PER ROW	TOTAL				I5 GOLD	30 GOLD	50 GOLD	A	B			D	
F	4	8			X	71973-9404	X	71973-9504	X	71973-9604	.300 (7.62)	.395 (10.03)	.658 (16.71)	33	66			X	71973-9433	X	71973-9533	X	71973-9633	3.200 (81.28)	3.295 (83.69)	3.558 (90.37)
	5	10			X	71973-9405	X	71973-9505	X	71973-9605	.400 (10.16)	.495 (12.57)	.758 (19.25)	34	68			X	71973-9434	X	71973-9534	X	71973-9634	3.300 (83.82)	3.395 (86.23)	3.658 (92.91)
	6	12			X	71973-9406	X	71973-9506	X	71973-9606	.500 (12.70)	.595 (15.11)	.858 (21.79)	35	70			X	71973-9435	X	71973-9535	X	71973-9635	3.400 (86.36)	3.495 (88.77)	3.758 (95.45)
	7	14			X	71973-9407	X	71973-9507	X	71973-9607	.600 (15.24)	.695 (17.65)	.958 (24.33)	36	72			X	71973-9436	X	71973-9536	X	71973-9636	3.500 (88.90)	3.595 (91.31)	3.858 (97.99)
	8	16			X	71973-9408	X	71973-9508	X	71973-9608	.700 (17.78)	.795 (20.19)	1.058 (26.87)													
	9	18			X	71973-9409	X	71973-9509	X	71973-9609	.800 (20.32)	.895 (22.73)	1.158 (29.41)													
E	10	20			X	71973-9410	X	71973-9510	X	71973-9610	.900 (22.86)	.995 (25.27)	1.258 (31.95)													
	11	22			X	71973-9411	X	71973-9511	X	71973-9611	1.000 (25.40)	1.095 (27.81)	1.358 (34.49)													
	12	24			X	71973-9412	X	71973-9512	X	71973-9612	1.100 (27.94)	1.195 (30.35)	1.458 (37.03)													
	13	26			X	71973-9413	X	71973-9513	X	71973-9613	1.200 (30.48)	1.295 (32.89)	1.558 (39.57)													
	14	28			X	71973-9414	X	71973-9514	X	71973-9614	1.300 (33.02)	1.395 (35.43)	1.658 (42.11)													
	15	30			X	71973-9415	X	71973-9515	X	71973-9615	1.400 (35.56)	1.495 (37.97)	1.758 (44.65)													
D	16	32			X	71973-9416	X	71973-9516	X	71973-9616	1.500 (38.10)	1.595 (40.51)	1.858 (47.19)													
	17	34			X	71973-9417	X	71973-9517	X	71973-9617	1.600 (40.64)	1.695 (43.05)	1.958 (49.73)													
	18	36			X	71973-9418	X	71973-9518	X	71973-9618	1.700 (43.18)	1.795 (45.59)	2.058 (52.27)													
	19	38			X	71973-9419	X	71973-9519	X	71973-9619	1.800 (45.72)	1.895 (48.13)	2.158 (54.81)													
	20	40			X	71973-9420	X	71973-9520	X	71973-9620	1.900 (48.26)	1.995 (50.67)	2.258 (57.35)													
	21	42			X	71973-9421	X	71973-9521	X	71973-9621	2.000 (50.80)	2.095 (53.21)	2.358 (59.89)													
	22	44			X	71973-9422	X	71973-9522	X	71973-9622	2.100 (53.34)	2.195 (55.75)	2.458 (62.43)													
	23	46			X	71973-9423	X	71973-9523	X	71973-9623	2.200 (55.88)	2.295 (58.29)	2.558 (64.97)													
C	24	48			X	71973-9424	X	71973-9524	X	71973-9624	2.300 (58.42)	2.395 (60.83)	2.658 (67.51)													
	25	50			X	71973-9425	X	71973-9525	X	71973-9625	2.400 (60.96)	2.495 (63.37)	2.758 (70.05)													
	26	52			X	71973-9426	X	71973-9526	X	71973-9626	2.500 (63.50)	2.595 (65.91)	2.858 (72.59)													
	27	54			X	71973-9427	X	71973-9527	X	71973-9627	2.600 (66.04)	2.695 (68.45)	2.958 (75.13)													
	28	56			X	71973-9428	X	71973-9528	X	71973-9628	2.700 (68.58)	2.795 (70.99)	3.058 (77.67)													
	29	58			X	71973-9429	X	71973-9529	X	71973-9629	2.800 (71.12)	2.895 (73.53)	3.158 (80.21)													
	30	60			X	71973-9430	X	71973-9530	X	71973-9630	2.900 (73.66)	2.995 (76.07)	3.258 (82.75)													
B	31	62			X	71973-9431	X	71973-9531	X	71973-9631	3.000 (76.20)	3.095 (78.61)	3.358 (85.29)													
	32	64			X	71973-9432	X	71973-9532	X	71973-9632	3.100 (78.74)	3.195 (81.15)	3.458 (87.83)													
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		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE NTS		DESIGN UNITS INCH		THIRD ANGLE PROJECTION								
										mm		INCH		DRAWN BY		DATE				TITLE						
										4 PLACES ± .005		± .010		DJB		1991/10/21				EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID						
										3 PLACES ± .005		± .010		DJB		1991/10/21				MOLEX INCORPORATED						
A		K		REV		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		ANGULAR ±1/2°		APPROVED BY		DATE		MATERIAL NO.		DOCUMENT NO.		SHEET NO.								
								SEE TABLE		MLONG		2010/01/14		SDA-71973-****		23 OF 26										
								SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																
								A3																		
fb_frame_A3_P_AM_T Rev. F 2009/06/18		9		8		7		6		5		4		3		2		1								

10				9				8				7				6				5				4				3				2				1											
NO. OF CKTS				OPTION I ASSEMBLY PACKAGED IN TUBES PER PK-70873-0138 (SEE SHEET I FOR FINISH SPECIFICATIONS)												DIMENSION				NO. OF CKTS				OPTION I ASSEMBLY PACKAGED IN TUBES PER PK-70873-0138 (SEE SHEET I FOR FINISH SPECIFICATIONS)												DIMENSION											
PER ROW		TOTAL				I5 GOLD		30 GOLD		50 GOLD		A		B		C		D		PER ROW		TOTAL				I5 GOLD		30 GOLD		50 GOLD		A		B		C		D									
F	4	8					71973-9704	71973-9804	71973-9904	.300 (7.62)	.395 (10.03)	.200 (5.08)	.658 (16.71)	34	68					71973-9734	71973-9834	71973-9934	3.300 (83.82)	3.395 (86.23)	3.200 (81.28)	3.658 (92.91)																					
	5	10					71973-9705	71973-9805	71973-9905	.400 (10.16)	.495 (12.57)	.300 (7.62)	.758 (19.25)	35	70					71973-9735	71973-9835	71973-9935	3.400 (86.36)	3.495 (88.77)	3.300 (83.82)	3.758 (95.45)																					
	6	12					71973-9706	71973-9806	71973-9906	.500 (12.70)	.595 (15.11)	.400 (10.16)	.858 (21.79)	36	72					71973-9736	71973-9836	71973-9936	3.500 (88.90)	3.595 (91.31)	3.400 (86.36)	3.858 (97.99)																					
	7	14					71973-9707	71973-9807	71973-9907	.600 (15.24)	.695 (17.65)	.500 (12.70)	.958 (24.33)																																		
	8	16					71973-9708	71973-9808	71973-9908	.700 (17.78)	.795 (20.19)	.600 (15.24)	1.058 (26.87)																																		
	9	18					71973-9709	71973-9809	71973-9909	.800 (20.32)	.895 (22.73)	.700 (17.78)	1.158 (29.41)																																		
E	10	20					71973-9710	71973-9810	71973-9910	.900 (22.86)	.995 (25.27)	.800 (20.32)	1.258 (31.95)																																		
	11	22					71973-9711	71973-9811	71973-9911	1.000 (25.40)	1.095 (27.81)	.900 (22.86)	1.358 (34.49)																																		
	12	24					71973-9712	71973-9812	71973-9912	1.100 (27.94)	1.195 (30.35)	1.000 (25.40)	1.458 (37.03)																																		
	13	26					71973-9713	71973-9813	71973-9913	1.200 (30.48)	1.295 (32.89)	1.100 (27.94)	1.558 (39.57)																																		
	14	28					71973-9714	71973-9814	71973-9914	1.300 (33.02)	1.395 (35.43)	1.200 (30.48)	1.658 (42.11)																																		
	15	30					71973-9715	71973-9815	71973-9915	1.400 (35.56)	1.495 (37.97)	1.300 (33.02)	1.758 (44.65)																																		
D	16	32					71973-9716	71973-9816	71973-9916	1.500 (38.10)	1.595 (40.51)	1.400 (35.56)	1.858 (47.19)																																		
	17	34					71973-9717	71973-9817	71973-9917	1.600 (40.64)	1.695 (43.05)	1.500 (38.10)	1.958 (49.73)																																		
	18	36					71973-9718	71973-9818	71973-9918	1.700 (43.18)	1.795 (45.59)	1.600 (40.64)	2.058 (52.27)																																		
	19	38					71973-9719	71973-9819	71973-9919	1.800 (45.72)	1.895 (48.13)	1.700 (43.18)	2.158 (54.81)																																		
	20	40					71973-9720	71973-9820	71973-9920	1.900 (48.26)	1.995 (50.67)	1.800 (45.72)	2.258 (57.35)																																		
	21	42					71973-9721	71973-9821	71973-9921	2.000 (50.80)	2.095 (53.21)	1.900 (48.26)	2.358 (59.89)																																		
C	22	44					71973-9722	71973-9822	71973-9922	2.100 (53.34)	2.195 (55.75)	2.000 (50.80)	2.458 (62.43)																																		
	23	46					71973-9723	71973-9823	71973-9923	2.200 (55.88)	2.295 (58.29)	2.100 (53.34)	2.558 (64.97)																																		
	24	48					71973-9724	71973-9824	71973-9924	2.300 (58.42)	2.395 (60.83)	2.200 (55.88)	2.658 (67.51)																																		
	25	50					71973-9725	71973-9825	71973-9925	2.400 (60.96)	2.495 (63.37)	2.300 (58.42)	2.758 (70.05)																																		
	26	52					71973-9726	71973-9826	71973-9926	2.500 (63.50)	2.595 (65.91)	2.400 (60.96)	2.858 (72.59)																																		
	27	54					71973-9727	71973-9827	71973-9927	2.600 (66.04)	2.695 (68.45)	2.500 (63.50)	2.958 (75.13)																																		
B	28	56					71973-9728	71973-9828	71973-9928	2.700 (68.58)	2.795 (70.99)	2.600 (66.04)	3.058 (77.67)																																		
	29	58					71973-9729	71973-9829	71973-9929	2.800 (71.12)	2.895 (73.53)	2.700 (68.58)	3.158 (80.21)																																		
	30	60					71973-9730	71973-9830	71973-9930	2.900 (73.66)	2.995 (76.07)	2.800 (71.12)	3.258 (82.75)																																		
	31	62					71973-9731	71973-9831	71973-9931	3.000 (76.20)	3.095 (78.61)	2.900 (73.66)	3.358 (85.29)																																		
	32	64					71973-9732	71973-9832	71973-9932	3.100 (78.74)	3.195 (81.15)	3.000 (76.20)	3.458 (87.83)																																		
	33	66					71973-9733	71973-9833	71973-9933	3.200 (81.28)	3.295 (83.69)	3.100 (78.74)	3.558 (90.37)																																		
X INDICATES TOOLING IS NOT AVAILABLE												ADD OPTION K & L EC NO: S2010-0534 DRWN:SKANG 2009/12/30 CHKD:ATSEE 2010/01/08 APPR:MLONG 2010/01/14				QUALITY SYMBOLS F=0 F=0 F=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 ± --- ± ---				ANGULAR ±1/2°										MATERIAL NO.				DOCUMENT 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																															
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 FG=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		TITLE EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID MOLEX INCORPORATED		SHEET NO. 25 OF 26			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										K		REV		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
tb_frame_A3_P_AM_T Rev. F 2009/06/18		9		8		7		6		5		4		3		2		1									

	10		9		8		7		6		5		4		3		2		1				
F	NO. OF CKTS		OPTION L ASSEMBLY PACKAGED IN TUBES PER PK-70873-0138 (SEE SHEET I FOR FINISH SPECIFICATIONS)					DIMENSION			NO. OF CKTS		OPTION L ASSEMBLY PACKAGED IN TUBES PER PK-70873-0138 (SEE SHEET I FOR FINISH SPECIFICATIONS)					DIMENSION			F		
	PER ROW	TOTAL					A	B			PER ROW	TOTAL					A	B					
					15 GOLD	30 GOLD	50 GOLD								15 GOLD	30 GOLD	50 GOLD						
	4	8			71973-5404	71973-5504	71973-5604	.300 (7.62)	.395 (10.03)			31	62			71973-5431	71973-5531	71973-5631	3.000 (76.20)	3.095 (78.61)			
	5	10			71973-5405	71973-5505	71973-5605	.400 (10.16)	.495 (12.57)			32	64			71973-5432	71973-5532	71973-5632	3.100 (78.74)	3.195 (81.15)			
	6	12			71973-5406	71973-5506	71973-5606	.500 (12.70)	.595 (15.11)			33	66			71973-5433	71973-5533	71973-5633	3.200 (81.28)	3.295 (83.69)			
E	7	14			71973-5407	71973-5507	71973-5607	.600 (15.24)	.695 (17.65)			34	68			71973-5434	71973-5534	71973-5634	3.300 (83.82)	3.395 (86.23)			
	8	16			71973-5408	71973-5508	71973-5608	.700 (17.78)	.795 (20.19)			35	70			71973-5435	71973-5535	71973-5635	3.400 (86.36)	3.495 (88.77)			
	9	18			71973-5409	71973-5509	71973-5609	.800 (20.32)	.895 (22.73)			36	72			71973-5436	71973-5536	71973-5636	3.500 (88.90)	3.595 (91.31)			
	10	20			71973-5410	71973-5510	71973-5610	.900 (22.86)	.995 (25.27)														
	11	22			71973-5411	71973-5511	71973-5611	1.000 (25.40)	1.095 (27.81)														
	12	24			71973-5412	71973-5512	71973-5612	1.100 (27.94)	1.195 (30.35)														
	13	26			71973-5413	71973-5513	71973-5613	1.200 (30.48)	1.295 (32.89)														
	14	28			71973-5414	71973-5514	71973-5614	1.300 (33.02)	1.395 (35.43)														
D	15	30			71973-5415	71973-5515	71973-5615	1.400 (35.56)	1.495 (37.97)														
	16	32			71973-5416	71973-5516	71973-5616	1.500 (38.10)	1.595 (40.51)														
	17	34			71973-5417	71973-5517	71973-5617	1.600 (40.64)	1.695 (43.05)														
	18	36			71973-5418	71973-5518	71973-5618	1.700 (43.18)	1.795 (45.59)														
	19	38			71973-5419	71973-5519	71973-5619	1.800 (45.72)	1.895 (48.13)														
	20	40			71973-5420	71973-5520	71973-5620	1.900 (48.26)	1.995 (50.67)														
	21	42			71973-5421	71973-5521	71973-5621	2.000 (50.80)	2.095 (53.21)														
C	22	44			71973-5422	71973-5522	71973-5622	2.100 (53.34)	2.195 (55.75)														
	23	46			71973-5423	71973-5523	71973-5623	2.200 (55.88)	2.295 (58.29)														
	24	48			71973-5424	71973-5524	71973-5624	2.300 (58.42)	2.395 (60.83)														
	25	50			71973-5425	71973-5525	71973-5625	2.400 (60.96)	2.495 (63.37)														
	26	52			71973-5426	71973-5526	71973-5626	2.500 (63.50)	2.595 (65.91)														
	27	54			71973-5427	71973-5527	71973-5627	2.600 (66.04)	2.695 (68.45)														
	28	56			71973-5428	71973-5528	71973-5628	2.700 (68.58)	2.795 (70.99)														
B	29	58			71973-5429	71973-5529	71973-5629	2.800 (71.12)	2.895 (73.53)														
	30	60			71973-5430	71973-5530	71973-5630	2.900 (73.66)	2.995 (76.07)														
A	"X" INDICATES TOOLING IS NOT AVAILABLE							ADD OPTION K & L EC NO: S2010-0534 DRWN:SKANG CHKD:ATSEE APPR:MLUNG		2009/12/30 2010/01/08 2010/01/14	DESCRIPTION REV	QUALITY SYMBOLS F=0 F=0 F=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± --- 1 PLACE ± --- ± --- ANGULAR ± 1/2°	DIMENSION STYLE IN/MM DRAWN BY DATE DJB 1991/10/21 CHECKED BY DATE DJB 1991/10/21 APPROVED BY DATE MLONG 2010/01/14 MATERIAL NO.	SCALE NTS	DESIGN UNITS INCH	THIRD ANGLE PROJECTION		EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID MOLEX INCORPORATED		SHEET NO. 26 OF 26		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS											SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
	tb_frame_A3_P_AM_T Rev. F 2009/06/18		9		8		7		6		5		4		3		2		1				