

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0719790305](#)
Status: **Active**
Overview: [cgrid_sl_products](#)
Description: 2.54mm (.100") Pitch C-Grid® Receptacle, Surface Mount, Dual Row, Right Angle, 10 Circuits

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)

[Product Specification PS-71973-9999 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	PCB Receptacles
Series	71979
Application	Board-to-Board
Overview	cgrid_sl_products
Product Name	C-Grid®

Physical

Circuits (Loaded)	10
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)	0.044 In
PC Tail Length (mm)	1.12 mm
PCB Locator	Yes
PCB Retention	Yes
Packaging Type	Tube
Pitch - Mating Interface (in)	0.100 In
Pitch - Mating Interface (mm)	2.54 mm
Pitch - Term. Interface (in)	0.100 In
Pitch - Term. 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
Stackable	Yes
Surface Mount Compatible (SMC)	N/A
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Surface Mount

Electrical

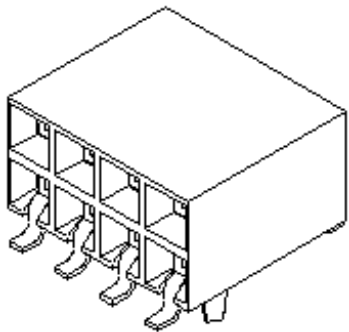
Current - Maximum per Contact	1A, 2A, 3A
Voltage - Maximum	500V AC

Solder Process Data

Duration at Max. Process Temperature (seconds)	10
Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	3
Process Temperature max. C	260

Material Info

Old Part Number	A719790305
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*Series
image - Reference only*

EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
Contains SVHC: No
Halogen-Free
Status

China RoHS



Not Reviewed

**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
[71979Series](#)

Mates With
[87911 Header](#)

Reference - Drawing Numbers

Product Specification
Sales Drawing

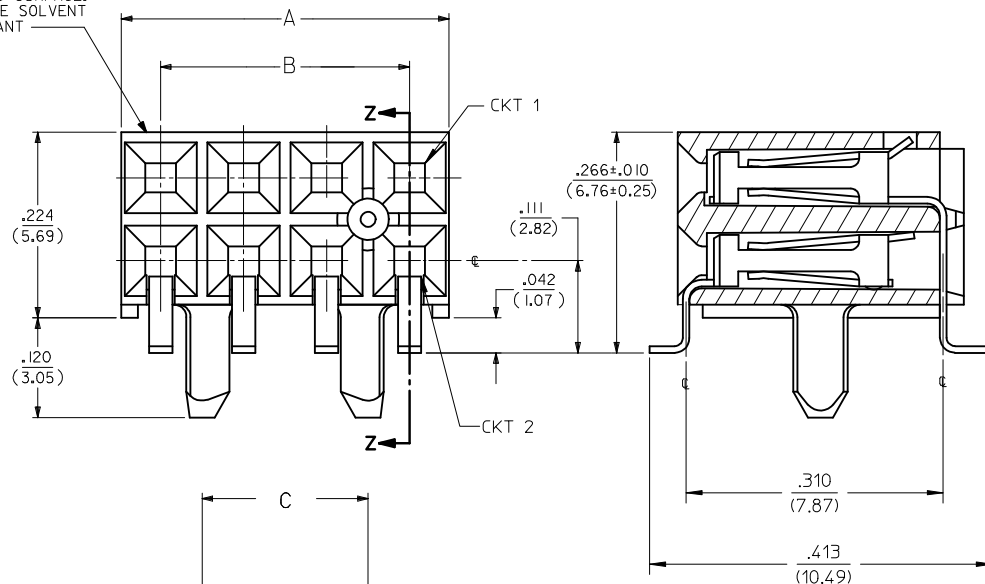
PS-71973-9999
SDA-71979-****

This document was generated on 05/31/2010

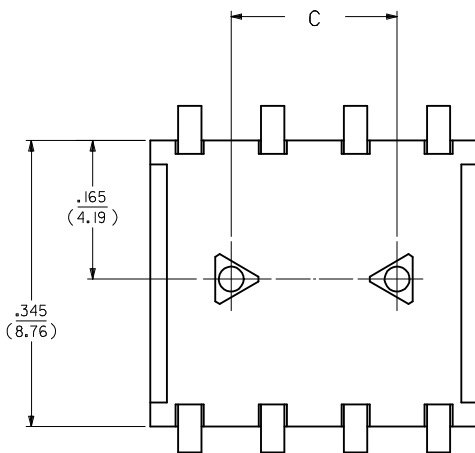
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10 9 8 7 6 5 4 3 2 1

4 DIGIT DATE CODE
ON THIS SURFACE.
MUST BE SOLVENT
RESISTANT



SECTION Z-Z



OPTION A ASSEMBLY

(ASSEMBLY WITH PEG AND WITHOUT LOWER ROW PINSTOP)

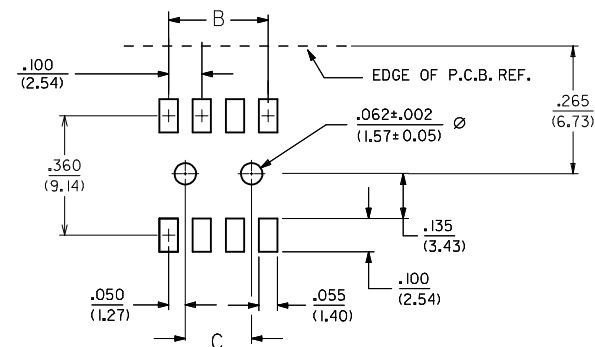
NOTES:

- 1.) MATERIALS:
HOUSING - LCP, 94V-0, BLACK
TERMINAL - PHOS. BRONZE ALLOY
- 2.) 8 CKT SHOWN FOR ILLUSTRATION PURPOSES.
SEE CHART ON SHEET 7 FOR OTHER SIZES.
- 3.) SCRATCHES AND BURNISHING ALLOWED ON
TERMINAL TAILS PROVIDING BASE METAL
IS NOT EXPOSED, EXCEPT AT TRIMMED END.
- 4.) RECOMMENDED MATING PIN LENGTHS:
LOWER ROW - .200" MIN./ .285" MAX.
UPPER ROW - .200" MIN.
- 5.) REFER TO PS-71973-9999 FOR PERFORMANCE DATA.

PLATING:

- 15 GOLD 15 MICROINCH MINIMUM SELECTIVE GOLD IN THE CONTACT
AREA; 75 MICROINCH MINIMUM SELECTIVE TIN IN THE PC
TAIL AREA OVER 50 MICROINCH MINIMUM NICKEL OVERALL.
- 30 GOLD 30 MICROINCH MINIMUM SELECTIVE GOLD IN THE CONTACT
AREA; 75 MICROINCH MINIMUM SELECTIVE TIN IN THE PC
TAIL AREA OVER 50 MICROINCH MINIMUM NICKEL OVERALL.
- 50 GOLD 50 MICROINCH MINIMUM SELECTIVE GOLD IN THE CONTACT
AREA; 75 MICROINCH MINIMUM SELECTIVE TIN IN THE PC
TAIL AREA OVER 50 MICROINCH MINIMUM NICKEL OVERALL.

*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.

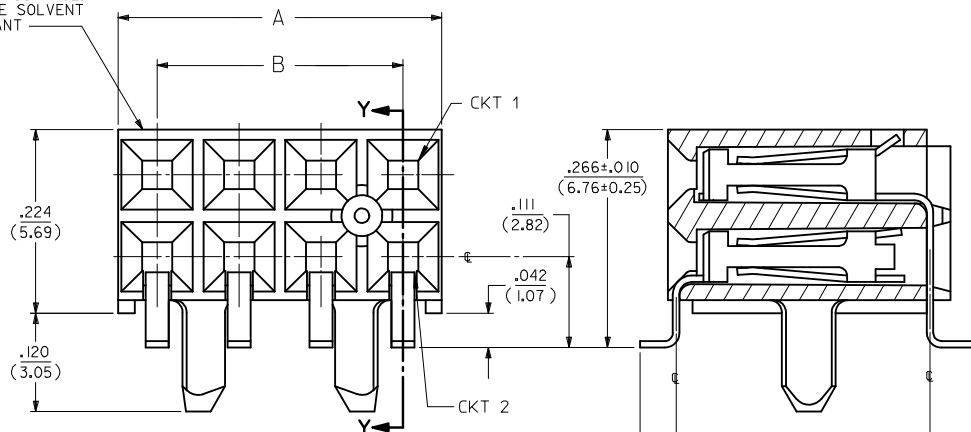


RECOMMENDED P.C.B. LAYOUT

REVISED EC NO: S2009-0814 DRWN:SKANG CHKD:ATSEE APPR:MLONG H2	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE NTS	DESIGN UNITS INCH	⊙ □ THIRD ANGLE PROJECTION		
			mm	INCH	DRAWN BY	DATE	TITLE SMT RECEPTACLE RIGHT ANGLE, DUAL ROW WITH AND WITHOUT PEG molex MOLEX INCORPORATED				
			4 PLACES	± ---	± ---	DJB				1995/03/15	
			3 PLACES	± ---	± ---	CHECKED BY				DATE	
			2 PLACES	± ---	± .01	DJB				1995/03/15	
			1 PLACE	± 0.25	± ---	APPROVED BY	DATE	DOCUMENT NO. SDA-71979-****			
ANGULAR ± 1/2°		DJB	1995/03/15	SHEET NO. 1 OF 12							
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						

9 8 7 6 5 4 3 2 1

4 DIGIT DATE CODE
ON THIS SURFACE.
MUST BE SOLVENT
RESISTANT



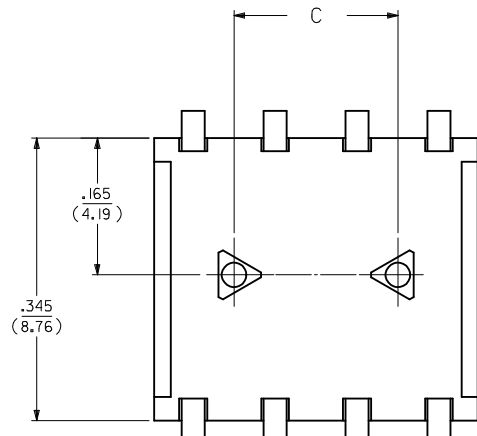
NOTES:

- 1.) MATERIALS:
HOUSING - LCP, 94V-0, BLACK
TERMINAL - PHOS. BRONZE ALLOY
- 2.) 8 CKT SHOWN FOR ILLUSTRATION PURPOSES.
SEE CHART ON SHEET 8 FOR OTHER SIZES.
- 3.) SCRATCHES AND BURNISHING ALLOWED ON
TERMINAL TAILS PROVIDING BASE METAL
IS NOT EXPOSED.
- 4.) RECOMMENDED MATING PIN LENGTHS:
LOWER ROW - .200" MIN./ .250" MAX.
UPPER ROW - .200" MIN.
- 5.) REFER TO PS-71973-9999 FOR PERFORMANCE
DATA.

PLATING:

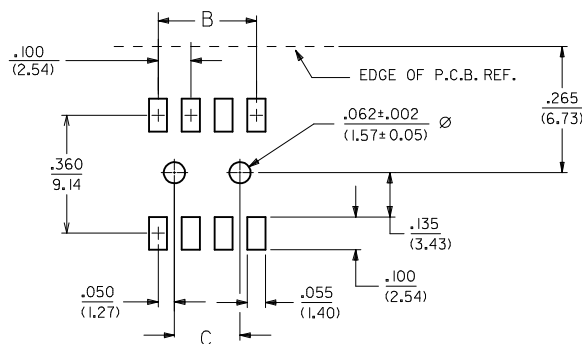
- 15 GOLD 15 MICROINCH MINIMUM SELECTIVE GOLD IN THE CONTACT
AREA; 75 MICROINCH MINIMUM SELECTIVE TIN IN THE PC
TAIL AREA OVER 50 MICROINCH MINIMUM NICKEL OVERALL.
- 30 GOLD 30 MICROINCH MINIMUM SELECTIVE GOLD IN THE CONTACT
AREA; 75 MICROINCH MINIMUM SELECTIVE TIN IN THE PC
TAIL AREA OVER 50 MICROINCH MINIMUM NICKEL OVERALL.
- 50 GOLD 50 MICROINCH MINIMUM SELECTIVE GOLD IN THE CONTACT
AREA; 75 MICROINCH MINIMUM SELECTIVE TIN IN THE PC
TAIL AREA OVER 50 MICROINCH MINIMUM NICKEL OVERALL.
- *THE PRIMARY SHIPPING CARTON WILL BE LABELED 'COMPLIANT TO
RoHS DIRECTIVE 2002/95/EC AND ELY ANNEX II OF DIRECTIVE 2000/53/EC'.
CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH LEAD.

SECTION Y-Y



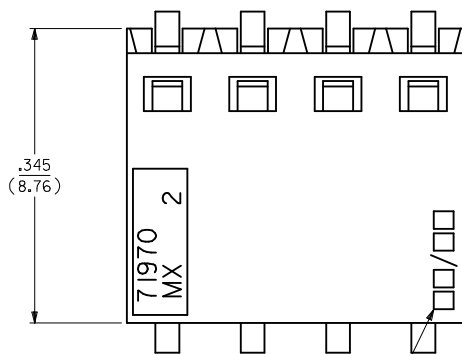
OPTION B ASSEMBLY

(ASSEMBLY WITH PEG AND LOWER ROW PINSTOP)

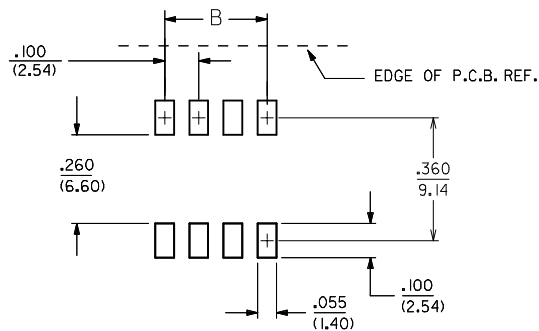


RECOMMENDED P.C.B. LAYOUT

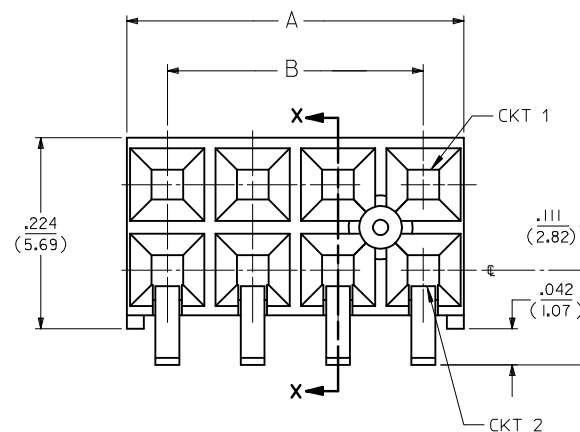
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								IN/MM		NTS	INCH		
								DRAWN BY DATE		TITLE			
								1995/03/15					
								CHECKED BY DATE		SMT RECEPTACLE RIGHT ANGLE, DUAL ROW WITH AND WITHOUT PEG			
								1995/03/15					
APPROVED BY DATE		MOLEX INCORPORATED											
1995/03/15													
MATERIAL NO.		DOCUMENT NO.				SHEET NO.							
SEE TABLE		SDA-71979-****				2 OF 12							
SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
A3													



4 DIGIT DATE CODE
SEE NOTE 4

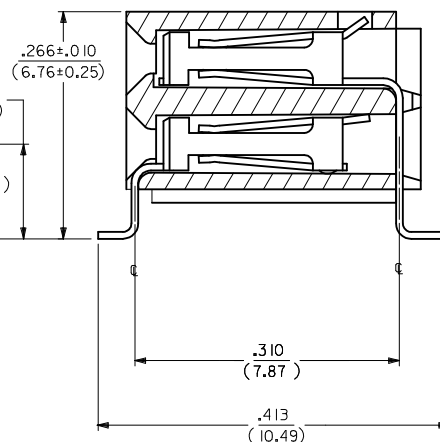


RECOMMENDED P.C.B. LAYOUT



OPTION C ASSEMBLY

(ASSEMBLY WITHOUT PEG AND LOWER ROW PINSTOP)



SECTION X-X

NOTES:

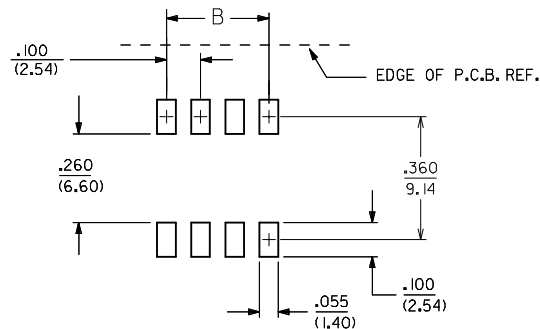
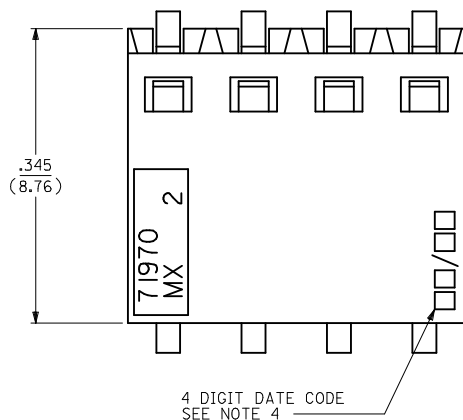
- 1.) MATERIALS:
HOUSING - LCP, 94V-0, BLACK.
TERMINAL - PHOS. BRONZE ALLOY
- 2.) 8 CKT SHOWN FOR ILLUSTRATION PURPOSES.
SEE CHART ON SHEET 9 FOR OTHER SIZES.
- 3.) SCRATCHES AND BURNISHING ALLOWED ON
TERMINAL TAILS PROVIDING BASE METAL
IS NOT EXPOSED.
- 4.) MANUFACTURED DATE CODE WEEK/YEAR.
- 5.) RECOMMENDED MATING PIN LENGTHS:
LOWER ROW - .200" MIN./ .285" MAX.
UPPER ROW - .200" MIN.
- 6.) REFER TO PS-71973-9999 FOR PERFORMANCE DATA.

PLATING:

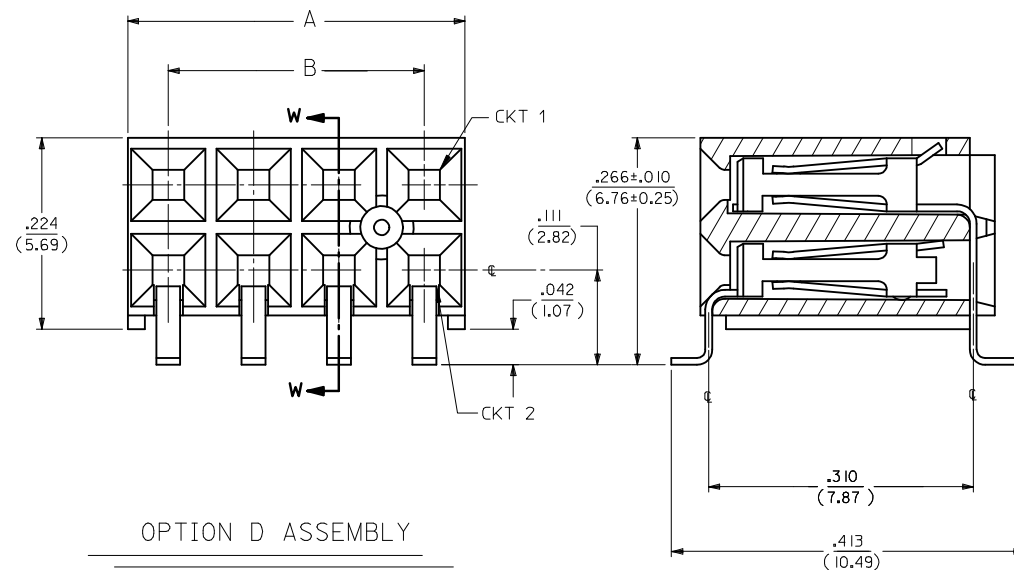
- 15 GOLD 15 MICROINCH MINIMUM SELECTIVE GOLD IN THE CONTACT AREA; 75 MICROINCH MINIMUM SELECTIVE TIN IN THE PC TAIL AREA OVER 50 MICROINCH MINIMUM NICKEL OVERALL.
- 30 GOLD 30 MICROINCH MINIMUM SELECTIVE GOLD IN THE CONTACT AREA; 75 MICROINCH MINIMUM SELECTIVE TIN IN THE PC TAIL AREA OVER 50 MICROINCH MINIMUM NICKEL OVERALL.
- 50 GOLD 50 MICROINCH MINIMUM SELECTIVE GOLD IN THE CONTACT AREA; 75 MICROINCH MINIMUM SELECTIVE TIN IN THE PC TAIL AREA OVER 50 MICROINCH MINIMUM NICKEL OVERALL.

*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.

REVISED	EC NO: S2009-0814	2009/09/01	DRWN:SKANG	2009/09/04	CHKD:ATSEE	2009/09/05	APPR:MLONG	REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION			
														IN/MM		NTS	INCH				
														DRAWN BY		DATE		TITLE SMT RECEPTACLE RIGHT ANGLE, DUAL ROW WITH AND WITHOUT PEG MOLEX INCORPORATED			
														CHECKED BY		DATE					
														APPROVED BY		DATE					
														DJB		1995/03/15					
														DJB		1995/03/15					
														ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
														SEE TABLE		SDA-71979-****		3 OF 12			
														SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
			A3																		
			H2																		



RECOMMENDED P.C.B. LAYOUT



OPTION D ASSEMBLY

(ASSEMBLY WITHOUT PEG AND WITH LOWER ROW PINSTOP)

SECTION W-W

NOTES:

- 1.) MATERIALS:
HOUSING - LCP, 94V-0, BLACK
TERMINAL - PHOS. BRONZE ALLOY
- 2.) 8 CKT FOR ILLUSTRATION PURPOSES.
SEE CHART ON SHEET 10 FOR OTHER SIZES.
- 3.) SCRATCHES AND BURNISHING ALLOWED ON
TERMINAL TAILS PROVIDING BASE METAL
IS NOT EXPOSED.
- 4.) MANUFACTURED DATE CODE WEEK/YEAR.
- 5.) RECOMMENDED MATING PIN LENGTHS:
LOWER ROW - .200" MIN./ .250" MAX.
UPPER ROW - .200" MIN.
- 6.) REFER TO PS-71973-9999 FOR PERFORMANCE DATA.

PLATING:

- 15 GOLD 15 MICROINCH MINIMUM SELECTIVE GOLD IN THE CONTACT
AREA; 75 MICROINCH MINIMUM SELECTIVE TIN IN THE PC
TAIL AREA OVER 50 MICROINCH MINIMUM NICKEL OVERALL.
 - 30 GOLD 30 MICROINCH MINIMUM SELECTIVE GOLD IN THE CONTACT
AREA; 75 MICROINCH MINIMUM SELECTIVE TIN IN THE PC
TAIL AREA OVER 50 MICROINCH MINIMUM NICKEL OVERALL.
 - 50 GOLD 50 MICROINCH MINIMUM SELECTIVE GOLD IN THE CONTACT
AREA; 75 MICROINCH MINIMUM SELECTIVE TIN IN THE PC
TAIL AREA OVER 50 MICROINCH MINIMUM NICKEL OVERALL.
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ROHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC".
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REVISED EC NO: S2009-0814 DRAWN:SKANG CHKD:ATSEE APPR:MLONG	2009/09/01 2009/09/04 2009/09/05	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE NTS	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
	▽=0 ◻=0		mm	INCH	DRAWN BY	DATE	TITLE SMT RECEPTACLE RIGHT ANGLE, DUAL ROW WITH AND WITHOUT PEG MOLEX INCORPORATED				
	4 PLACES		± ---	± ---	DJB	1995/03/15					
	3 PLACES		± ---	± ---	CHECKED BY	DATE					
	2 PLACES		± ---	± .01	DJB	1995/03/15					
	1 PLACE		± 0.25	± ---	APPROVED BY	DATE					
	ANGULAR ±1/2°		DJB	1995/03/15	molex		MOLEX INCORPORATED				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
				SEE TABLE		SDA-71979-****		4 OF 12			
				SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

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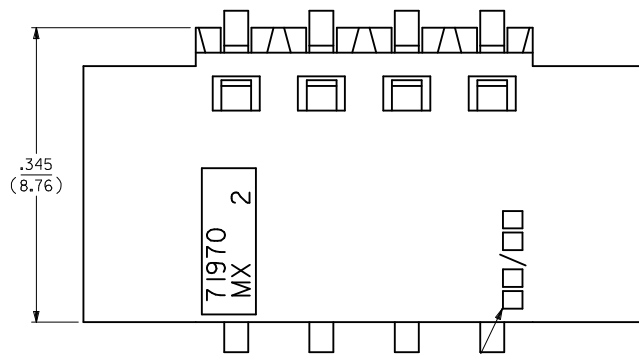
NOTES:

- 1.) MATERIALS:
HOUSING - VECTRA A-130, 94V-0, BLACK
TERMINAL - PHOS. BRONZE ALLOY 521.
- 2.) 8 CKT SHOWN FOR ILLUSTRATION PURPOSES.
SEE CHART ON SHEET 11 FOR OTHER SIZES.
- 3.) SCRATCHES AND BURNISHING ALLOWED ON
TERMINAL TAILS PROVIDING BASE METAL
IS NOT EXPOSED.
- 4.) MANUFACTURED DATE CODE WEEK/YEAR.
- 5.) RECOMMENDED MATING PIN LENGTHS:
LOWER ROW - .200" MIN./ .285" MAX.
UPPER ROW - .200" MIN.
- 6.) REFER TO PS-71973-9999 FOR PERFORMANCE DATA.

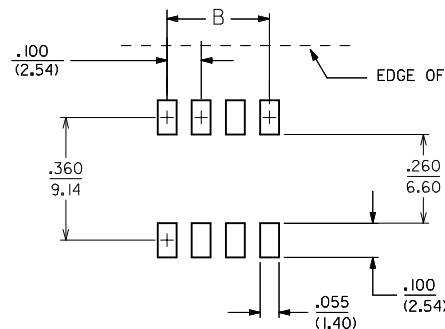
PLATING:

- 15 GOLD 15 MICROINCH MINIMUM SELECTIVE GOLD IN THE CONTACT
AREA; 75 MICROINCH MINIMUM SELECTIVE TIN IN THE PC
TAIL AREA OVER 50 MICROINCH MINIMUM NICKEL OVERALL.
- 30 GOLD 30 MICROINCH MINIMUM SELECTIVE GOLD IN THE CONTACT
AREA; 75 MICROINCH MINIMUM SELECTIVE TIN IN THE PC
TAIL AREA OVER 50 MICROINCH MINIMUM NICKEL OVERALL.
- 50 GOLD 50 MICROINCH MINIMUM SELECTIVE GOLD IN THE CONTACT
AREA; 75 MICROINCH MINIMUM SELECTIVE TIN IN THE PC
TAIL AREA OVER 50 MICROINCH MINIMUM NICKEL OVERALL.

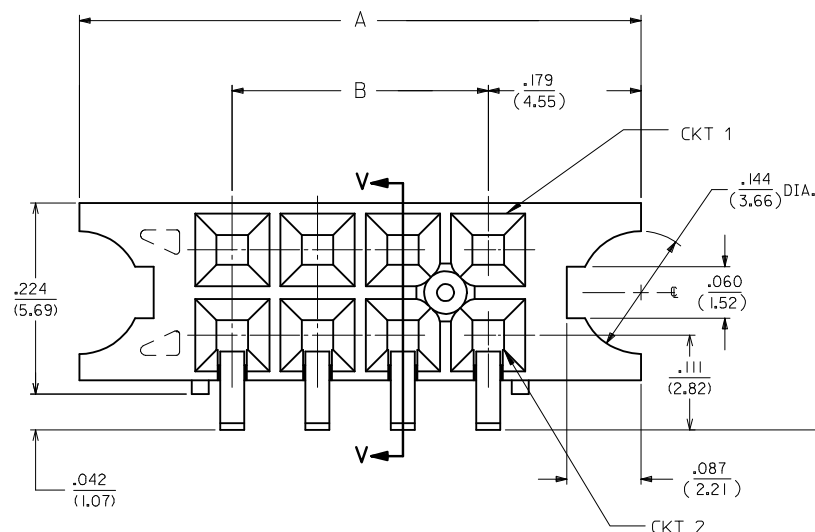
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4 DIGIT DATE CODE
SEE NOTE 4

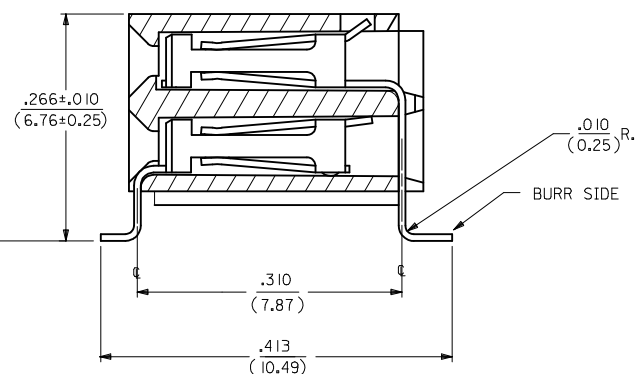


RECOMMENDED P.C.B. LAYOUT



OPTION E ASSEMBLY

(ASSEMBLY WITHOUT PEG OR LOWER ROW PINSTOP, WITH FLANGE)



SECTION V - V

REVISED EC NO: S2009-0814 DRWNSKANG CHKD:ATSEE APPR:MLONG	2009/09/01 2009/09/04 2009/09/05	DESCRIPTION	QUALITY SYMBOLS ▽=0 ◇=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE IN/MM		SCALE NTS	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION	
					mm	INCH	DRAWN BY DJB	DATE 1995/03/15	TITLE SMT RECEPTACLE RIGHT ANGLE, DUAL ROW WITH AND WITHOUT PEG MOLEX INCORPORATED			
				4 PLACES	± ---	± ---	CHECKED BY	DATE				
				3 PLACES	± ---	± ---	DJB	1995/03/15				
				2 PLACES	± ---	± .01	APPROVED BY	DATE				
				1 PLACE	± 0.25	± ---	DJB	1995/03/15				
				ANGULAR ±1/2°			MATERIAL NO.		DOCUMENT NO.			SHEET NO.
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE TABLE		SDA-71979-****			5 OF 12
							THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

9 8 7 6 5 4 3 2 1

10 9 8 7 6 5 4 3 2 1

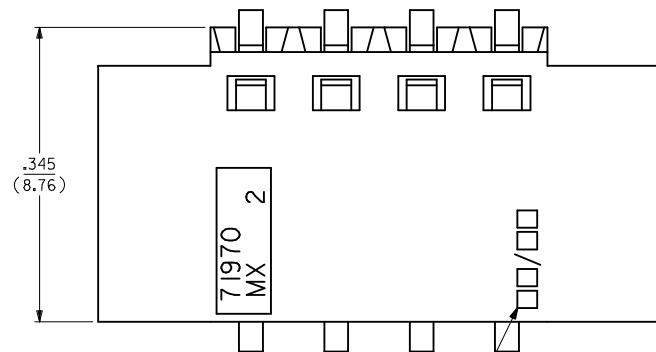
NOTES:

- 1.) MATERIALS:
HOUSING - VECTRA A-130, 94V-0, BLACK
TERMINAL - PHOS. BRONZE ALLOY 521.
- 2.) 8 CKT SHOWN FOR ILLUSTRATION PURPOSES.
SEE CHART ON SHEET 12.
- 3.) SCRATCHES AND BURNISHING ALLOWED ON
TERMINAL TAILS PROVIDING BASE METAL
IS NOT EXPOSED.
- 4.) MANUFACTURED DATE CODE WEEK/YEAR.
- 5.) RECOMMENDED MATING PIN LENGTHS:
LOWER ROW - .200" MIN./-.285" MAX.
UPPER ROW - .200" MIN.
- 6.) REFER TO PS-71973-9999 FOR PERFORMANCE DATA.

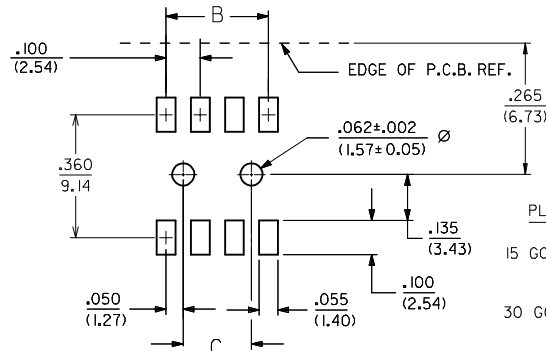
PLATING:

- | | |
|---------|---|
| 15 GOLD | 15 MICROINCH MINIMUM SELECTIVE GOLD IN THE CONTACT AREA; 75 MICROINCH MINIMUM SELECTIVE TIN IN THE PC TAIL AREA OVER 50 MICROINCH MINIMUM NICKEL OVERALL. |
| 30 GOLD | 30 MICROINCH MINIMUM SELECTIVE GOLD IN THE CONTACT AREA; 75 MICROINCH MINIMUM SELECTIVE TIN IN THE PC TAIL AREA OVER 50 MICROINCH MINIMUM NICKEL OVERALL. |
| 50 GOLD | 50 MICROINCH MINIMUM SELECTIVE GOLD IN THE CONTACT AREA; 75 MICROINCH MINIMUM SELECTIVE TIN IN THE PC TAIL AREA OVER 50 MICROINCH MINIMUM NICKEL OVERALL. |

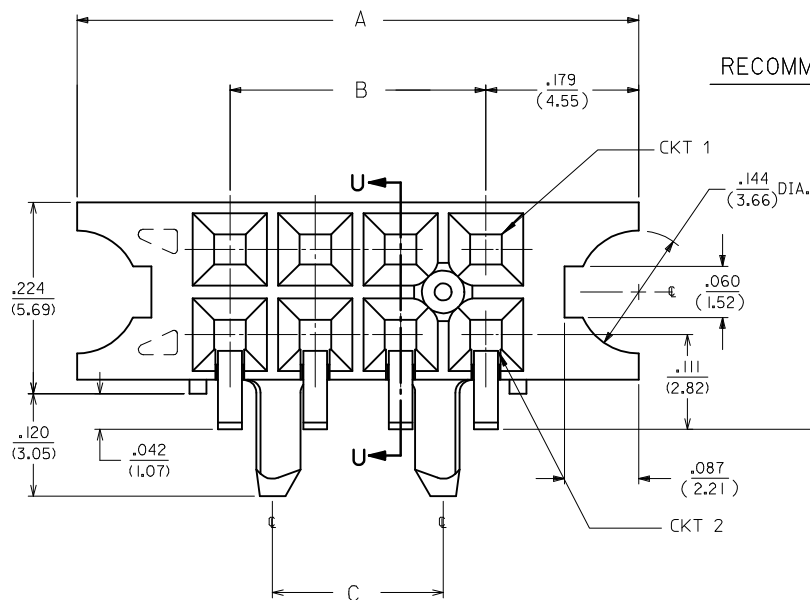
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4 DIGIT DATE CODE
SEE NOTE 4

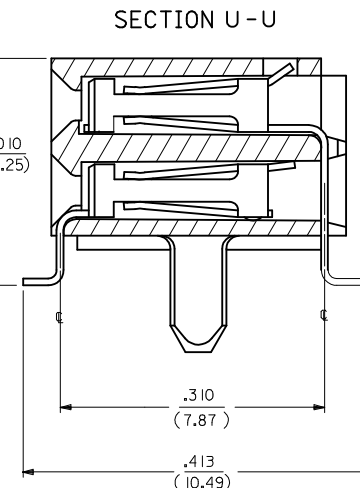


RECOMMENDED P.C.B. LAYOUT



OPTION F ASSEMBLY

(ASSEMBLY WITHOUT LOWER ROW PINSTOP, WITH FLANGE AND PEG)



SECTION U-U

REVISED EC NO: S2009-0814 DRAWN:SKANG CHKD:ATSEE APPR:MLONG	2009/09/01 2009/09/04 2009/09/05	DESCRIPTION	QUALITY SYMBOLS ▽=0 ◇=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE NTS	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION		
				mm	INCH	DRAWN BY	DATE	TITLE SMT RECEPTACLE RIGHT ANGLE, DUAL ROW WITH AND WITHOUT PEG MOLEX INCORPORATED				
				4 PLACES	± ---	± ---	DJB				1995/03/15	
				3 PLACES	± ---	± ---	CHECKED BY				DATE	
				2 PLACES	± ---	± .01	DJB				1995/03/15	
				1 PLACE	± 0.25	± ---	APPROVED BY				DATE	
				ANGULAR ±1/2°		DJB	1995/03/15	DOCUMENT NO.			SHEET NO.	
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		SDA-71979-****			6 OF 12	
						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

	10		9		8		7		6		5		4		3		2		1					
F	NO. OF CKTS		OPTION A ASSEMBLY PLATINGS PER ES-88-(****) (SEE SHEET I FOR PLATING SPECIFICATIONS)						DIMENSION				NO. OF CKTS	OPTION A ASSEMBLY PLATINGS PER ES-88-(****) (SEE SHEET I FOR PLATING SPECIFICATIONS)						DIMENSION				
	PER ROW	TOTAL			15 GOLD	30 GOLD	50 GOLD	A	B	C					15 GOLD	30 GOLD	50 GOLD	A	B	C				
	4	8			71979-0204	71979-0304	71979-0404	.395 (10.03)	.300 (7.62)	.200 (5.08)				34	68			71979-0234	71979-0334	71979-0434	3.395 (86.23)	3.300 (83.82)	3.200 (81.28)	
	5	10			71979-0205	71979-0305	71979-0405	.495 (12.57)	.400 (10.16)	.300 (7.62)				35	70			71979-0235	71979-0335	71979-0435	3.495 (88.77)	3.400 (86.36)	3.300 (83.82)	
	6	12			71979-0206	71979-0306	71979-0406	.595 (15.11)	.500 (12.70)	.400 (10.16)				36	72			71979-0236	71979-0336	71979-0436	3.595 (91.31)	3.500 (88.90)	3.400 (86.36)	
	7	14			71979-0207	71979-0307	71979-0407	.695 (17.65)	.600 (15.24)	.500 (12.70)														
	8	16			71979-0208	71979-0308	71979-0408	.795 (20.19)	.700 (17.78)	.600 (15.24)														
	9	18			71979-0209	71979-0309	71979-0409	.895 (22.73)	.800 (20.32)	.700 (17.78)														
	10	20			71979-0210	71979-0310	71979-0410	.995 (25.27)	.900 (22.86)	.800 (20.32)														
E	11	22			71979-0211	71979-0311	71979-0411	1.095 (27.81)	1.000 (25.40)	.900 (22.86)														
	12	24			71979-0212	71979-0312	71979-0412	1.195 (30.35)	1.100 (27.94)	1.000 (25.40)														
	13	26			71979-0213	71979-0313	71979-0413	1.295 (32.89)	1.200 (30.48)	1.100 (27.94)														
	14	28			71979-0214	71979-0314	71979-0414	1.395 (35.43)	1.300 (33.02)	1.200 (30.48)														
	15	30			71979-0215	71979-0315	71979-0415	1.495 (37.97)	1.400 (35.56)	1.300 (33.02)														
	16	32			71979-0216	71979-0316	71979-0416	1.595 (40.51)	1.500 (38.10)	1.400 (35.56)														
	17	34			71979-0217	71979-0317	71979-0417	1.695 (43.05)	1.600 (40.64)	1.500 (38.10)														
D	18	36			71979-0218	71979-0318	71979-0418	1.795 (45.59)	1.700 (43.18)	1.600 (40.64)														
	19	38			71979-0219	71979-0319	71979-0419	1.895 (48.13)	1.800 (45.72)	1.700 (43.18)														
	20	40			71979-0220	71979-0320	71979-0420	1.995 (50.67)	1.900 (48.26)	1.800 (45.72)														
	21	42			71979-0221	71979-0321	71979-0421	2.095 (53.21)	2.000 (50.80)	1.900 (48.26)														
	22	44			71979-0222	71979-0322	71979-0422	2.195 (55.75)	2.100 (53.34)	2.000 (50.80)														
	23	46			71979-0223	71979-0323	71979-0423	2.295 (58.29)	2.200 (55.88)	2.100 (53.34)														
	24	48			71979-0224	71979-0324	71979-0424	2.395 (60.83)	2.300 (58.42)	2.200 (55.88)														
	25	50			71979-0225	71979-0325	71979-0425	2.495 (63.37)	2.400 (60.96)	2.300 (58.42)														
C	26	52			71979-0226	71979-0326	71979-0426	2.595 (65.91)	2.500 (63.50)	2.400 (60.96)														
	27	54			71979-0227	71979-0327	71979-0427	2.695 (68.45)	2.600 (66.04)	2.500 (63.50)														
	28	56			71979-0228	71979-0328	71979-0428	2.795 (70.99)	2.700 (68.58)	2.600 (66.04)														
	29	58			71979-0229	71979-0329	71979-0429	2.895 (73.53)	2.800 (71.12)	2.700 (68.58)														
	30	60			71979-0230	71979-0330	71979-0430	2.995 (76.07)	2.900 (73.66)	2.800 (71.12)														
	31	62			71979-0231	71979-0331	71979-0431	3.095 (78.61)	3.000 (76.20)	2.900 (73.66)														
	32	64			71979-0232	71979-0332	71979-0432	3.195 (81.15)	3.100 (78.74)	3.000 (76.20)														
B	33	66			71979-0233	71979-0333	71979-0433	3.295 (83.69)	3.200 (81.28)	3.100 (78.74)														

NOTE: ALL CONNECTORS ARE PACKAGED IN TUBES PER PK-70873-0138

"X" INDICATES TOOLING IS NOT AVAILABLE.

REVISED
EC NO: S2009-0814
2009/09/04
DRWN:SKANG
CHKD:ATSEE
2009/09/04
APPR:MLONG
2009/09/05

QUALITY SYMBOLS
▽=0
◻=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± ---	± .01
1 PLACE	± 0.25	± ---
ANGULAR ± 1/2°		

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
IN/MM

DRAWN BY	DATE
DJB	1995/03/15
CHECKED BY	DATE
DJB	1995/03/15
APPROVED BY	DATE
DJB	1995/03/15

MATERIAL NO.
SEE TABLE

SCALE
NTS

DESIGN UNITS
INCH

THIRD ANGLE PROJECTION

TITLE
SMT RECEPTACLE
RIGHT ANGLE, DUAL ROW
WITH AND WITHOUT PEG

MOLEX INCORPORATED

DOCUMENT NO.
SDA-71979-****

SHEET NO.
7 OF 12

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 B ASSEMBLY PLATINGS PER ES-88-(***) (SEE SHEET I FOR PLATING SPECIFICATIONS)			DIMENSION				NO. OF CKTS		OPTION B ASSEMBLY PLATINGS PER ES-88-(***) (SEE SHEET I FOR PLATING SPECIFICATIONS)			DIMENSION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												

A	NOTE: ALL CONNECTORS ARE PACKAGED IN TUBES PER PK-70873-0138						REVISED EC NO: S2009-0814 2009/09/01 DRWN:SKANG CHKD:ATSEE 2009/09/04 APPR:MLONG 2009/09/05	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ◊=0	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
			IN/MM	NTS	INCH										
			DRAWN BY	DATE	TITLE										
			CHECKED BY	DATE	SMT RECEPTACLE RIGHT ANGLE, DUAL ROW WITH AND WITHOUT PEG										
			APPROVED BY	DATE	MOLEX INCORPORATED										
		ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.		SHEET NO.							
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SDA-71979-****		8 OF 12							
				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. E 2006/04/15		9	8	7	6	5	4	3	2	1					

tb_frame_A3_P_AM_T
Rev. E 2006/04/15

		10				9		8		7		6		5		4		3		2		1	
F	NO. OF CKTS		OPTION D ASSEMBLY PLATINGS PER ES-88-(****) (SEE SHEET I FOR PLATING SPECIFICATIONS)						DIMENSION				NO. OF CKTS	OPTION D ASSEMBLY PLATINGS PER ES-88-(****) (SEE SHEET I FOR PLATING 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				7 1979-2604	7 1979-2704	7 1979-2804	.395 (10.03)	.300 (7.62)			34	68			7 1979-2634	7 1979-2734	7 1979-2834	3.395 (86.23)	3.300 (83.82)		
	5	10				7 1979-2605	7 1979-2705	7 1979-2805	.495 (12.57)	.400 (10.16)			35	70			7 1979-2635	7 1979-2735	7 1979-2835	3.495 (88.77)	3.400 (86.36)		
	6	12				7 1979-2606	7 1979-2706	7 1979-2806	.595 (15.11)	.500 (12.70)			36	72			7 1979-2636	7 1979-2736	7 1979-2836	3.595 (91.31)	3.500 (88.90)		
	7	14				7 1979-2607	7 1979-2707	7 1979-2807	.695 (17.65)	.600 (15.24)													
E	8	16				7 1979-2608	7 1979-2708	7 1979-2808	.795 (20.19)	.700 (17.78)													
	9	18				7 1979-2609	7 1979-2709	7 1979-2809	.895 (22.73)	.800 (20.32)													
	10	20				7 1979-2610	7 1979-2710	7 1979-2810	.995 (25.27)	.900 (22.86)													
	11	22				7 1979-2611	7 1979-2711	7 1979-2811	1.095 (27.81)	1.000 (25.40)													
	12	24				7 1979-2612	7 1979-2712	7 1979-2812	1.195 (30.35)	1.100 (27.94)													
D	13	26				7 1979-2613	7 1979-2713	7 1979-2813	1.295 (32.89)	1.200 (30.48)													
	14	28				7 1979-2614	7 1979-2714	7 1979-2814	1.395 (35.43)	1.300 (33.02)													
	15	30				7 1979-2615	7 1979-2715	7 1979-2815	1.495 (37.97)	1.400 (35.56)													
	16	32				7 1979-2616	7 1979-2716	7 1979-2816	1.595 (40.51)	1.500 (38.10)													
	17	34				7 1979-2617	7 1979-2717	7 1979-2817	1.695 (43.05)	1.600 (40.64)													
C	18	36				7 1979-2618	7 1979-2718	7 1979-2818	1.795 (45.59)	1.700 (43.18)													
	19	38				7 1979-2619	7 1979-2719	7 1979-2819	1.895 (48.13)	1.800 (45.72)													
	20	40				7 1979-2620	7 1979-2720	7 1979-2820	1.995 (50.67)	1.900 (48.26)													
	21	42				7 1979-2621	7 1979-2721	7 1979-2821	2.095 (53.21)	2.000 (50.80)													
	22	44				7 1979-2622	7 1979-2722	7 1979-2822	2.195 (55.75)	2.100 (53.34)													
B	23	46				7 1979-2623	7 1979-2723	7 1979-2823	2.295 (58.29)	2.200 (55.88)													
	24	48				7 1979-2624	7 1979-2724	7 1979-2824	2.395 (60.83)	2.300 (58.42)													
	25	50				7 1979-2625	7 1979-2725	7 1979-2825	2.495 (63.37)	2.400 (60.96)													
	26	52				7 1979-2626	7 1979-2726	7 1979-2826	2.595 (65.91)	2.500 (63.50)													
	27	54				7 1979-2627	7 1979-2727	7 1979-2827	2.695 (68.45)	2.600 (66.04)													
	28	56				7 1979-2628	7 1979-2728	7 1979-2828	2.795 (70.99)	2.700 (68.58)													
	29	58				7 1979-2629	7 1979-2729	7 1979-2829	2.895 (73.53)	2.800 (71.12)													
	30	60				7 1979-2630	7 1979-2730	7 1979-2830	2.995 (76.07)	2.900 (73.66)													
	31	62				7 1979-2631	7 1979-2731	7 1979-2831	3.095 (78.61)	3.000 (76.20)													
	32	64				7 1979-2632	7 1979-2732	7 1979-2832	3.195 (81.15)	3.100 (78.74)													
	33	66				7 1979-2633	7 1979-2733	7 1979-2833	3.295 (83.69)	3.200 (81.28)													

A	NOTE: ALL CONNECTORS ARE PACKAGED IN TUBES PER PK-70873-0138 "X" INDICATES TOOLING IS NOT AVAILABLE.					REVISED EC NO: S2009-0814 DRWN:SKANG CHKD:ATSEE APPR:MLONG H2	2009/09/01 2009/09/04 2009/09/05	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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	10	9	8	7	6	5	4	3	2	1	
F	NO. OF CKTS		OPTION E ASSEMBLY PLATING PER ES-88-(***) (SEE SHEET I FOR PLATING SPECIFICATIONS)				DIMENSION				F
	PER ROW	TOTAL					A	B			
				15 GOLD	30 GOLD	50 GOLD					
	4	8		71979-3004	71979-3104	71979-3204	.658 (16.71)	.300 (7.62)			
	5	10		71979-3005	71979-3105	71979-3205	.758 (19.25)	.400 (10.16)			
	6	12		71979-3006	71979-3106	71979-3206	.858 (21.79)	.500 (12.70)			
	7	14		71979-3007	71979-3107	71979-3207	.958 (24.33)	.600 (15.24)			
	8	16		71979-3008	71979-3108	71979-3208	1.058 (26.87)	.700 (17.78)			
	9	18		71979-3009	71979-3109	71979-3209	1.158 (29.41)	.800 (20.32)			
	10	20		71979-3010	71979-3110	71979-3210	1.258 (31.95)	.900 (22.86)			
E	11	22		71979-3011	71979-3111	71979-3211	1.358 (34.49)	1.000 (25.40)			E
	12	24		71979-3012	71979-3112	71979-3212	1.458 (37.03)	1.100 (27.94)			
	13	26		71979-3013	71979-3113	71979-3213	1.558 (39.57)	1.200 (30.48)			
	14	28		71979-3014	71979-3114	71979-3214	1.658 (42.11)	1.300 (33.02)			
	15	30		71979-3015	71979-3115	71979-3215	1.758 (44.65)	1.400 (35.56)			
	16	32		71979-3016	71979-3116	71979-3216	1.858 (47.19)	1.500 (38.10)			
	17	34		71979-3017	71979-3117	71979-3217	1.958 (49.73)	1.600 (40.64)			
D	18	36		71979-3018	71979-3118	71979-3218	2.058 (52.27)	1.700 (43.18)			D
	19	38		71979-3019	71979-3119	71979-3219	2.158 (54.81)	1.800 (45.72)			
	20	40		71979-3020	71979-3120	71979-3220	2.258 (57.35)	1.900 (48.26)			
	21	42		71979-3021	71979-3121	71979-3221	2.358 (59.89)	2.000 (50.80)			
	22	44		71979-3022	71979-3122	71979-3222	2.458 (62.43)	2.100 (53.34)			
	23	46		71979-3023	71979-3123	71979-3223	2.558 (64.97)	2.200 (55.88)			
	24	48		71979-3024	71979-3124	71979-3224	2.658 (67.51)	2.300 (58.42)			
	25	50		71979-3025	71979-3125	71979-3225	2.758 (70.05)	2.400 (60.96)			
C	26	52		71979-3026	71979-3126	71979-3226	2.858 (72.59)	2.500 (63.50)			C
	27	54		71979-3027	71979-3127	71979-3227	2.958 (75.13)	2.600 (66.04)			
	28	56		71979-3028	71979-3128	71979-3228	3.058 (77.67)	2.700 (68.58)			
	29	58		71979-3029	71979-3129	71979-3229	3.158 (80.21)	2.800 (71.12)			
	30	60		71979-3030	71979-3130	71979-3230	3.258 (82.75)	2.900 (73.66)			
	31	62		71979-3031	71979-3131	71979-3231	3.358 (85.29)	3.000 (76.20)			
	32	64		71979-3032	71979-3132	71979-3232	3.458 (87.83)	3.100 (78.74)			
B	33	66		71979-3033	71979-3133	71979-3233	3.558 (90.37)	3.200 (81.28)			B

NOTE: ALL CONNECTORS ARE PACKAGED IN TUBES PER PK-70873-0139

"X" INDICATES TOOLING IS NOT AVAILABLE.

REVISED
EC NO: S2009-0814
2009/09/04
DRWN:SKANG
CHKD:ATSEE
2009/09/04
APPR:MLONG
2009/09/05

QUALITY SYMBOLS
▽=0
▽=0
DESCRIPTION
REV

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± ---	± .01
1 PLACE	± 0.25	± ---
ANGULAR ± 1/2°		

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
IN/MM

DRAWN BY	DATE
DJB	1995/03/15
CHECKED BY	DATE
DJB	1995/03/15
APPROVED BY	DATE
DJB	1995/03/15
MATERIAL NO.	
SEE TABLE	
SIZE	
A3	

SCALE
NTS

DESIGN UNITS
INCH

THIRD ANGLE PROJECTION

SMT RECEPTACLE
RIGHT ANGLE, DUAL ROW
WITH AND WITHOUT PEG

MOLEX INCORPORATED

DOCUMENT NO.
SDA-71979-****

SHEET NO.
11 OF 12

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

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F	NO. OF CKTS				OPTION F ASSEMBLY PLATING PER ES-88-(***) (SEE SHEET I FOR PLATING SPECIFICATIONS)						DIMENSION					NO. OF CKTS			OPTION F ASSEMBLY PLATING PER ES-88-(***) (SEE SHEET I FOR PLATING SPECIFICATIONS)						DIMENSION						F																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
	PER ROW	TOTAL			15 GOLD		30 GOLD		50 GOLD		A	B	C	PER ROW	TOTAL				15 GOLD		30 GOLD		50 GOLD		A	B	C																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	

A	NOTE: ALL CONNECTORS ARE PACKAGED IN TUBES PER PK-70873-0139 "X" INDICATES TOOLING IS NOT AVAILABLE.					REVISED EC NO: S2009-0814 DRWN:SKANG CHKD:ATSEE APPR:MLONG	2009/09/01 2009/09/04 2009/09/05	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
									▽=0 ▽=0			IN/MM		NTS	INCH			
											mm	INCH	DRAWN BY	DATE	TITLE SMT RECEPTACLE RIGHT ANGLE, DUAL ROW WITH AND WITHOUT PEG MOLEX INCORPORATED			
										4 PLACES	± ---	± ---	DJB	1995/03/15				
										3 PLACES	± ---	± ---	CHECKED BY	DATE				
	2 PLACES	± ---	± .01	DJB	1995/03/15	MOLEX												
	1 PLACE	± 0.25	± ---	APPROVED BY	DATE													
	ANGULAR ±1/2°			DJB	1995/03/15	DOCUMENT NO. SDA-71979-****												
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									MATERIAL NO.		SHEET NO.						
	H2	REV							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. E 2006/04/15	9	8	7	6	5	4	3	2	1
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