

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0719790207](#)
Status: **Active**
Overview: [cgrid_sl_products](#)
Description: 2.54mm (.100") Pitch C-Grid® Receptacle, Surface Mount, Dual Row, Right Angle, 14 Circuits

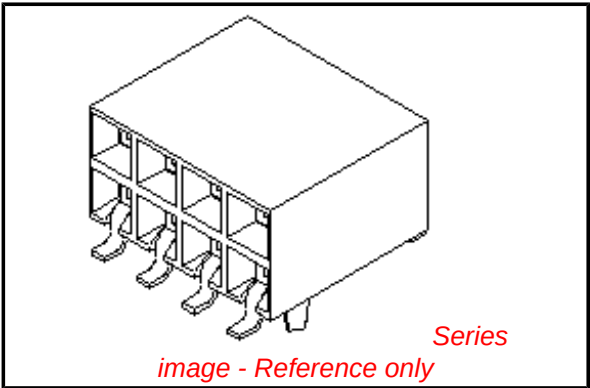
Documents:
[3D Model](#) [Product Specification PS-71973-9999 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General	
Product Family	PCB Receptacles
Series	71979
Application	Board-to-Board
Overview	cgrid_sl_products
Product Name	C-Grid®
Physical	
Circuits (Loaded)	14
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
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)	15
Plating min: Mating (µm)	0.38
Plating min: Termination (µin)	75
Plating min: Termination (µm)	1.90
Polarized to PCB	No
Stackable	Yes
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

Material Info	
Old Part Number	A719790207

Reference - Drawing Numbers	
Product Specification	PS-71973-9999
Sales Drawing	SDA-71979-****



Series
image - Reference only

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Not Reviewed
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](#)

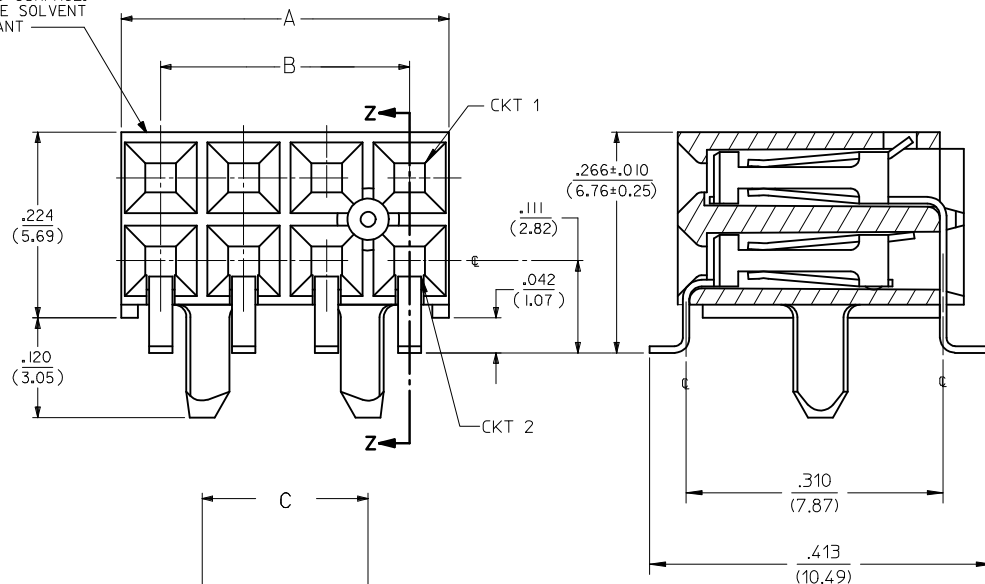
Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
[71979Series](#)

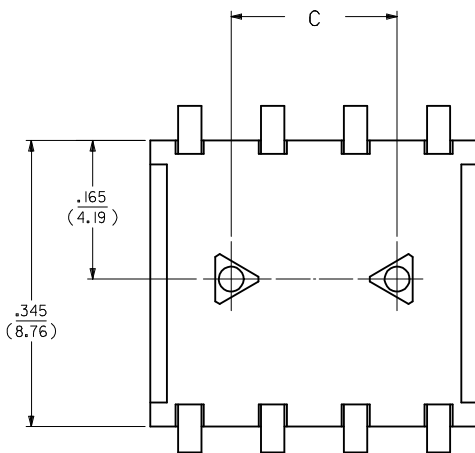
Mates With
[87911 Header](#)

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)

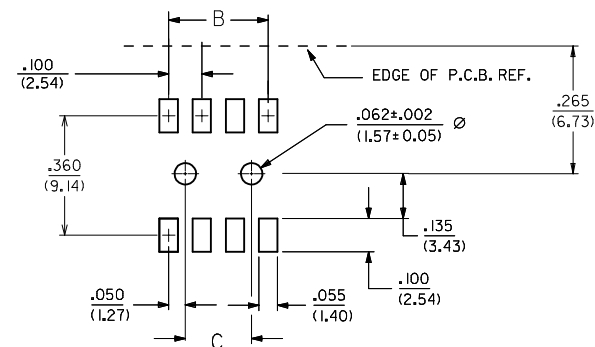
NOTES:

- 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.

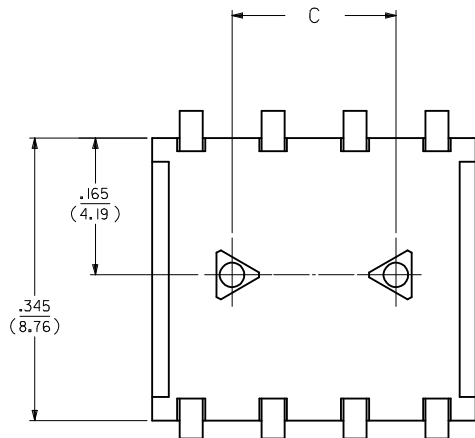
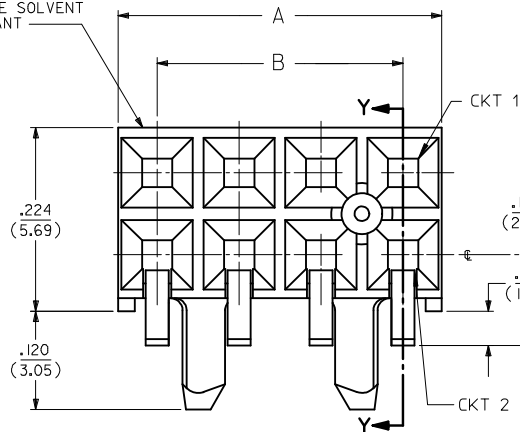


RECOMMENDED P.C.B. LAYOUT

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
					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	DOCUMENT NO.		SHEET NO.
			ANGULAR ± 1/2°		DJB	1995/03/15	SDA-71979-****		1 OF 12
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE TABLE				
					SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

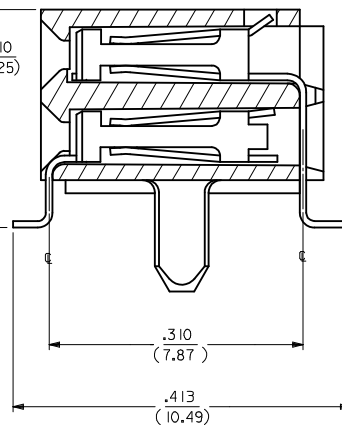
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4 DIGIT DATE CODE
ON THIS SURFACE.
MUST BE SOLVENT
RESISTANT

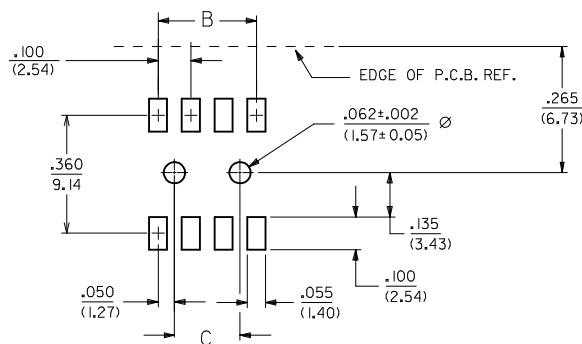


OPTION B ASSEMBLY

(ASSEMBLY WITH PEG AND LOWER ROW PINSTOP)



SECTION Y-Y



RECOMMENDED P.C.B. LAYOUT

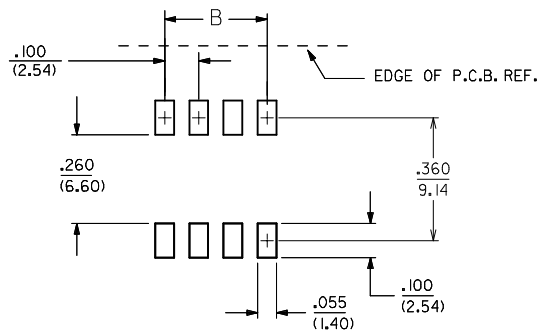
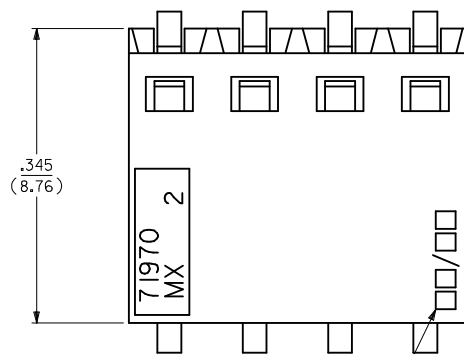
NOTES:

- 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.

REVISED	EC NO: S2009-0814	2009/09/01	DRWN:SKANG	2009/09/04	2009/09/05	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		1995/03/15		SMT RECEPTACLE RIGHT ANGLE, DUAL ROW WITH AND WITHOUT PEG	
								3 PLACES	± ---	± ---	CHECKED BY		DATE			
								2 PLACES	± ---	± .01	DJB		1995/03/15			
1 PLACE	± 0.25	± ---	APPROVED BY		DATE		MOLEX MOLEX INCORPORATED									
ANGULAR ± 1/2°		DJB		1995/03/15												
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								MATERIAL NO.		DOCUMENT NO.		SHEET NO.				
								SEE TABLE		SDA-71979-****		2 OF 12				
H2	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														

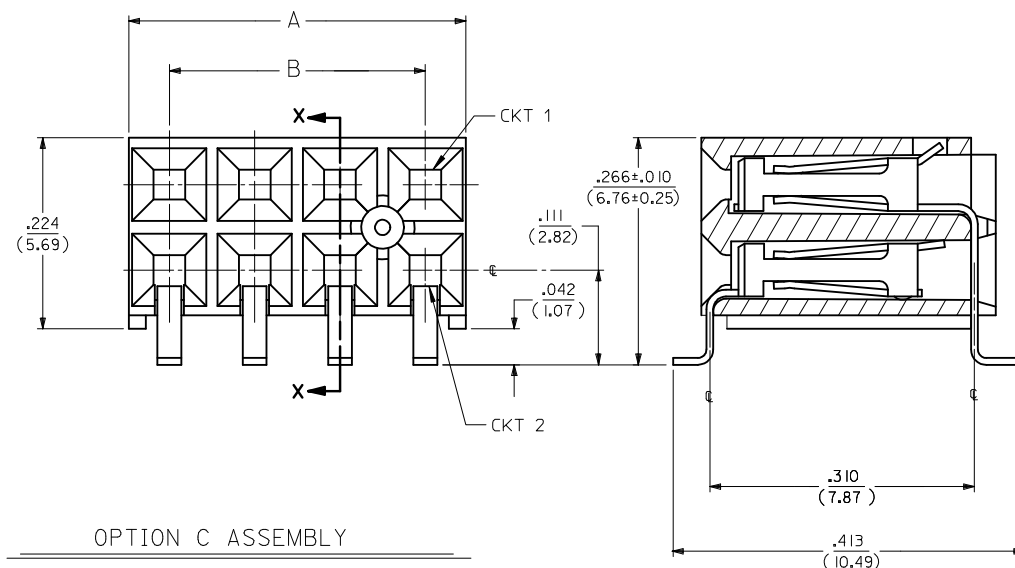


NOTES:

- 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.

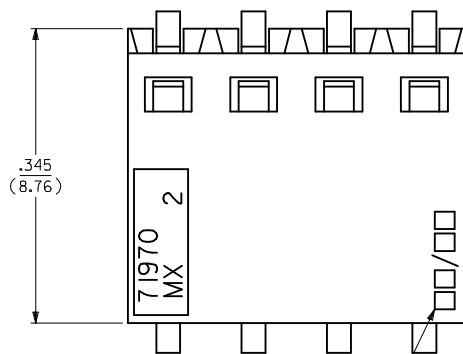
PLATING:

- 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.

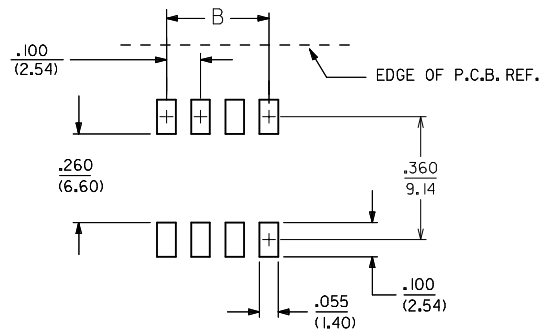


SECTION X-X

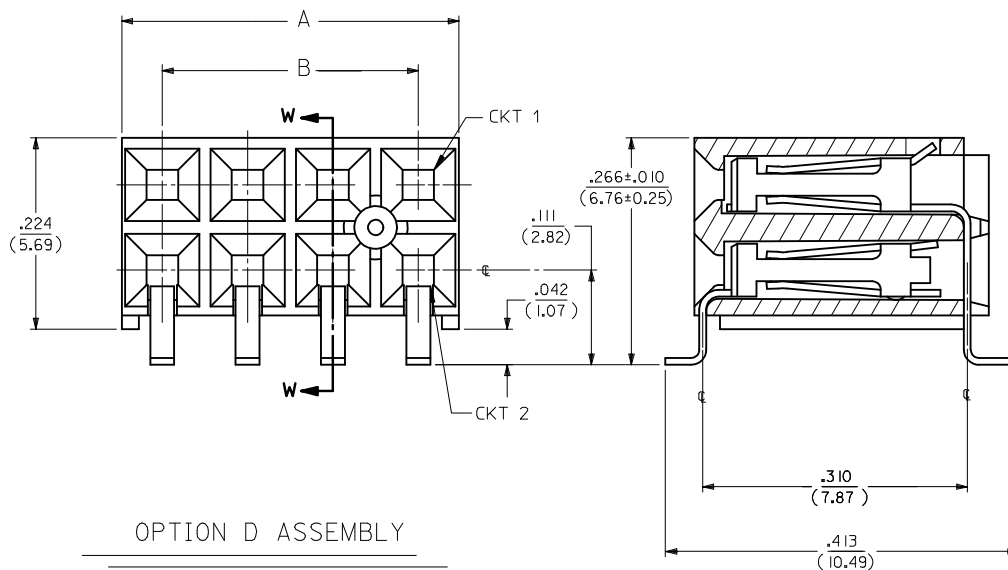
REVISED	EC NO: S2009-0814	2009/09/01	DRWN:SKANG	2009/09/04	CHKD:ATSEE	2009/09/05	APPR:MLONG	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
													IN/MM		NTS	INCH			
											mm	INCH	DRAWN BY	DATE	TITLE SMT RECEPTACLE 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	DOCUMENT NO. SHEET NO.				
										ANGULAR ±1/2°			DJB	1995/03/15					
										DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO.		SEE TABLE				
													SIZE						
A3																			
H2										THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									



4 DIGIT DATE CODE
SEE NOTE 4



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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REVISED EC NO: S2009-0814 DRAWN:SKANG CHKD:ATSEE APPR:MLONG	2009/09/01 2009/09/04 2009/09/05	DESCRIPTION H2	REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE NTS	DESIGN UNITS INCH	THIRD ANGLE PROJECTION		
							DRAWN BY DATE		TITLE SMT RECEPTACLE RIGHT ANGLE, DUAL ROW WITH AND WITHOUT PEG MOLEX INCORPORATED				
							1995/03/15						
							CHECKED BY DATE						
							1995/03/15						
							APPROVED BY DATE						
							1995/03/15		DOCUMENT NO.		SHEET NO.		
							MATERIAL NO.		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				
							DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						

10 9 8 7 6 5 4 3 2 1

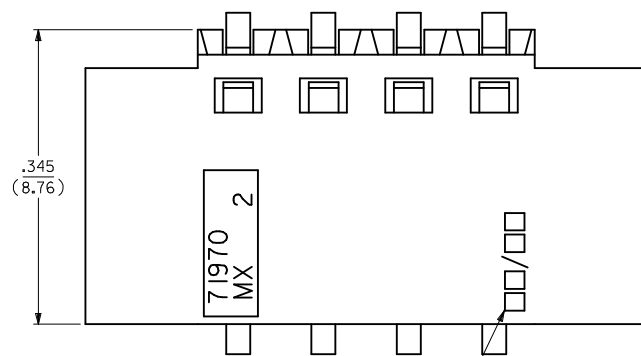
NOTES:

- 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 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.

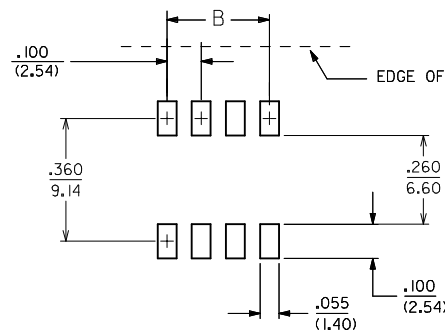
PLATING:

- | | |
|---------|---|
| 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. |

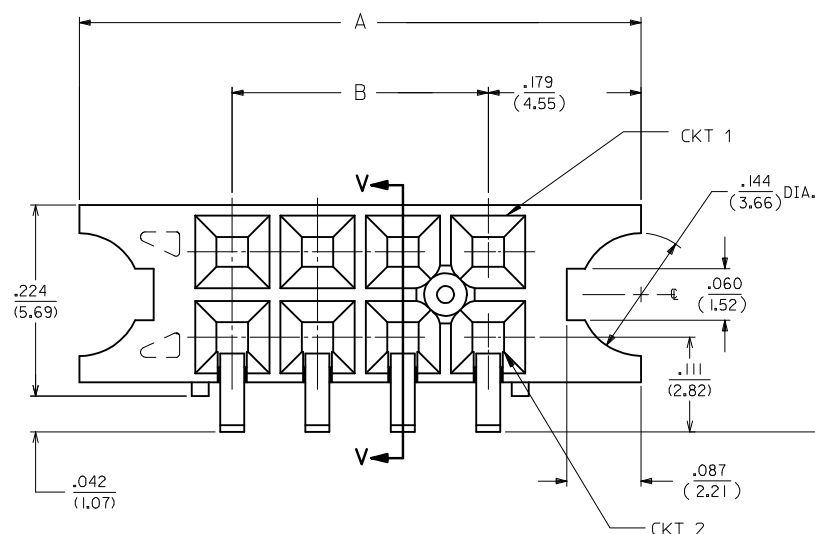
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4 DIGIT DATE CODE
SEE NOTE 4

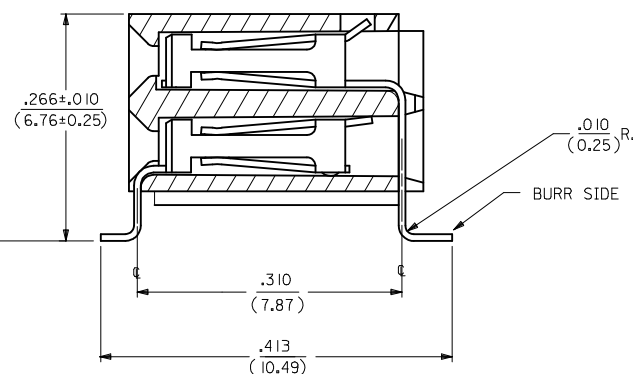


RECOMMENDED P.C.B. LAYOUT



OPTION E ASSEMBLY

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



SECTION V - V

REVISED EC NO: S2009-0814 2009/09/01 DRWN:SKANG CHKD:ATSEE 2009/09/04 APPR:MLONG 2009/09/05	DESCRIPTION H2	QUALITY SYMBOLS ▽=0 ◇=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE NTS	DESIGN UNITS INCH	THIRD ANGLE PROJECTION ⊙ □			
					DRAWN BY DJB	DATE 1995/03/15	TITLE SMT RECEPTACLE RIGHT ANGLE, DUAL ROW WITH AND WITHOUT PEG MOLEX INCORPORATED					
					CHECKED BY DJB	DATE 1995/03/15						
					APPROVED BY DJB	DATE 1995/03/15						
					ANGULAR ±1/2°		MATERIAL NO. SEE TABLE			DOCUMENT NO. SDA-71979-****		SHEET NO. 5 OF 12
					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
	REV											

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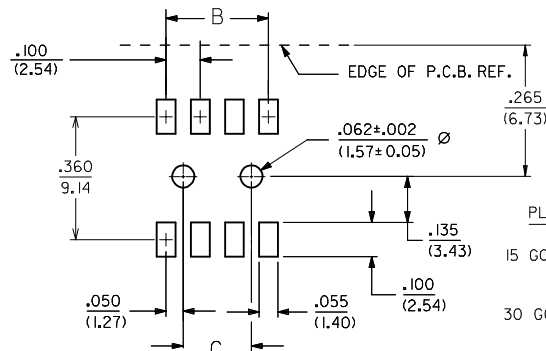
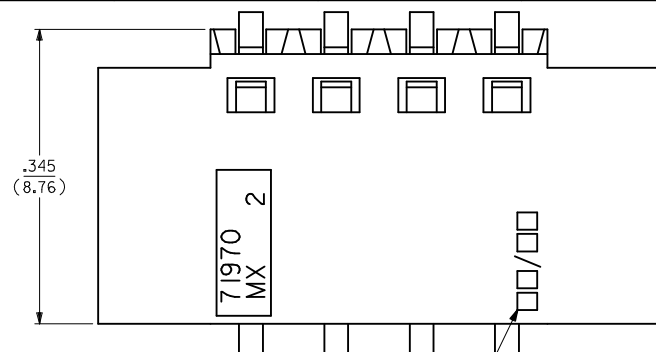
NOTES:

- 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 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.

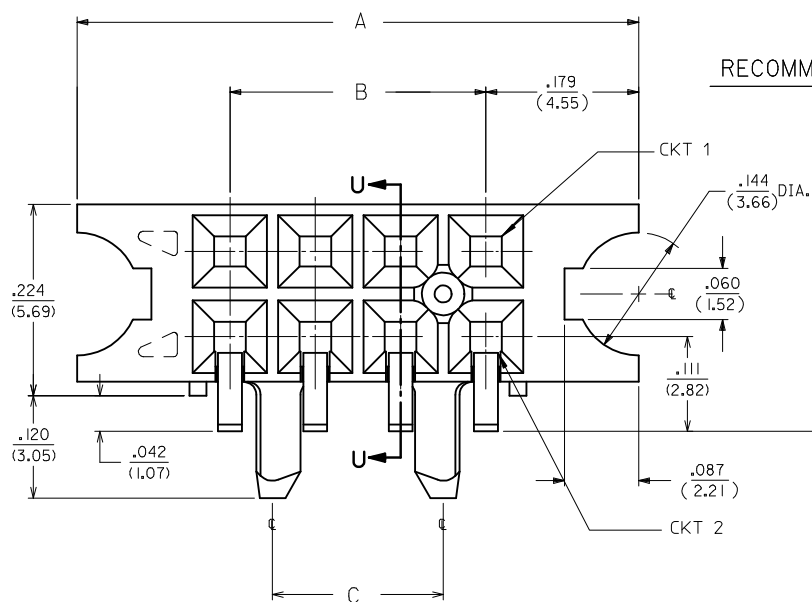
PLATING:

- | | |
|---------|---|
| 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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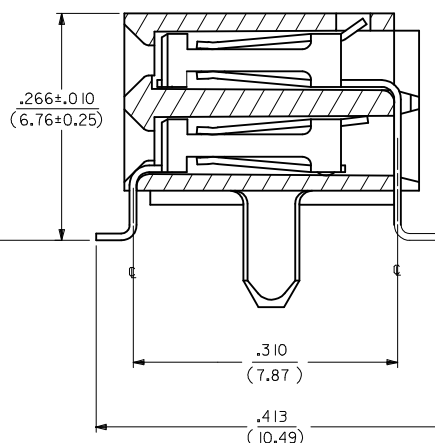
RECOMMENDED P.C.B. LAYOUT



OPTION F ASSEMBLY

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

SECTION U-U



REVISED EC NO: S2009-0814 2009/09/04 DRWN:SKANG CHKD:ATSEE 2009/09/05 APPR:MLONG	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE IN/MM		SCALE NTS	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
						DRAWN BY DJB	DATE 1995/03/15	TITLE SMT RECEPTACLE RIGHT ANGLE, DUAL ROW WITH AND WITHOUT PEG			
						CHECKED BY DJB	DATE 1995/03/15				
						APPROVED BY DJB	DATE 1995/03/15				
						ANGULAR ±1/2°					MOLEX INCORPORATED
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO. SEE TABLE		DOCUMENT NO. SDA-71979-****			SHEET NO. 6 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 A ASSEMBLY PLATINGS PER ES-88-(***) (SEE SHEET I FOR PLATING SPECIFICATIONS)				DIMENSION				F
	PER ROW	TOTAL					A	B	C		
				15 GOLD	30 GOLD	50 GOLD					
	4	8		71979-0204	71979-0304	71979-0404	.395 (10.03)	.300 (7.62)	.200 (5.08)		
	5	10		71979-0205	71979-0305	71979-0405	.495 (12.57)	.400 (10.16)	.300 (7.62)		
	6	12		71979-0206	71979-0306	71979-0406	.595 (15.11)	.500 (12.70)	.400 (10.16)		
	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)		E
	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)		D
	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)		C
	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)		B

NOTE: ALL CONNECTORS ARE PACKAGED IN TUBES PER PK-70873-0138																											
"X" INDICATES TOOLING IS NOT AVAILABLE.																											
A	REVISED EC NO: S2009-0814 2009/09/04 DRWN:SKANG 2009/09/04 CHKD:ATSEE 2009/09/05 APPR:MLONG			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												
										DJB		1995/03/15			RIGHT ANGLE, DUAL ROW												
		2 PLACES		±.01		DJB		1995/03/15		WITH AND WITHOUT PEG																	
		1 PLACE		± 0.25		DJB		1995/03/15		MOLEX INCORPORATED																	
		ANGULAR		±1/2°		DJB		1995/03/15		MOLEX INCORPORATED																	
		DRAFT WHERE APPLICABLE		MUST REMAIN		MATERIAL NO.		DOCUMENT NO.		SHEET NO.																	
		WITHIN DIMENSIONS				SEE TABLE		SDA-71979-****		7 OF 12																	
						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. E 2006/04/15										9		8		7		6		5		4		3		2		1	

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
	"X" INDICATES TOOLING IS NOT AVAILABLE.								mm	INCH	IN/MM		NTS	INCH	
									DRAWN BY		DATE		TITLE SMT RECEPTACLE RIGHT ANGLE, DUAL ROW WITH AND WITHOUT PEG MOLEX INCORPORATED		
									CHECKED BY		DATE				
									2 PLACES		± ---	± ---			
1 PLACE		± 0.25	± ---	DJB		1995/03/15									
ANGULAR		± 1/2°		DJB		1995/03/15		MATERIAL NO.		DOCUMENT NO.	SHEET NO.				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					SEE TABLE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								
SIZE 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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10										9			8			7			6			5			4			3			2			1		
NO. OF CKTS		PACKAGING: TUBES PER PK-70873-0138 TAPE AND REEL PER PK-70873-0918			OPTION C ASSEMBLY PLATINGS PER ES-88-(****) (SEE SHEET I FOR PLATING SPECIFICATIONS)						DIMENSION		NO. OF CKTS		PACKAGING: TUBES PER PK-70873-0138			OPTION C ASSEMBLY PLATINGS PER ES-88-(****) (SEE SHEET I FOR PLATING SPECIFICATIONS)						DIMENSION												
PER ROW	TOTAL				I5 GOLD		30 GOLD		50 GOLD		A	B	PER ROW	TOTAL				I5 GOLD		30 GOLD		50 GOLD		A	B											
4	8	PK-70873-0138				71979-1804		71979-1904		71979-2004	.395 (10.03)	.300 (7.62)	20	40	PK-70873-0138					71979-1820		71979-1920		71979-2020	1.995 (50.67)	1.900 (48.26)										
		PK-70873-0918			X	71979-3804	X	71979-3904	X	71979-4004			21	42	PK-70873-0138					71979-1821		71979-1921		71979-2021	2.095 (53.21)	2.000 (50.80)										
5	10	PK-70873-0138				71979-1805		71979-1905		71979-2005	.495 (12.57)	.400 (10.16)	22	44	PK-70873-0138					71979-1822		71979-1922		71979-2022	2.195 (55.75)	2.100 (53.34)										
		PK-70873-0918			X	71979-3805	X	71979-3905	X	71979-4005			23	46	PK-70873-0138					71979-1823		71979-1923		71979-2023	2.295 (58.29)	2.200 (55.88)										
6	12	PK-70873-0138				71979-1806		71979-1906		71979-2006	.595 (15.11)	.500 (12.70)	24	48	PK-70873-0138					71979-1824		71979-1924		71979-2024	2.395 (60.83)	2.300 (58.42)										
		PK-70873-0918			X	71979-3806	X	71979-3906	X	71979-4006			25	50	PK-70873-0138					71979-1825		71979-1925		71979-2025	2.495 (63.37)	2.400 (60.96)										
7	14	PK-70873-0138				71979-1807		71979-1907		71979-2007	.695 (17.65)	.600 (15.24)	26	52	PK-70873-0138					71979-1826		71979-1926		71979-2026	2.595 (65.91)	2.500 (63.50)										
		PK-70873-0918			X	71979-3807	X	71979-3907	X	71979-4007			27	54	PK-70873-0138					71979-1827		71979-1927		71979-2027	2.695 (68.45)	2.600 (66.04)										
8	16	PK-70873-0138				71979-1808		71979-1908		71979-2008	.795 (20.19)	.700 (17.78)	28	56	PK-70873-0138					71979-1828		71979-1928		71979-2028	2.795 (70.99)	2.700 (68.58)										
		PK-70873-0918			X	71979-3808	X	71979-3908	X	71979-4008			29	58	PK-70873-0138					71979-1829		71979-1929		71979-2029	2.895 (73.53)	2.800 (71.12)										
9	18	PK-70873-0138				71979-1809		71979-1909		71979-2009	.895 (22.73)	.800 (20.32)	30	60	PK-70873-0138					71979-1830		71979-1930		71979-2030	2.995 (76.07)	2.900 (73.66)										
		PK-70873-0918			X	71979-3809	X	71979-3909	X	71979-4009			31	62	PK-70873-0138					71979-1831		71979-1931		71979-2031	3.095 (78.61)	3.000 (76.20)										
10	20	PK-70873-0138				71979-1810		71979-1910		71979-2010	.995 (25.27)	.900 (22.86)	32	64	PK-70873-0138					71979-1832		71979-1932		71979-2032	3.195 (81.15)	3.100 (78.74)										
		PK-70873-0918			X	71979-3810	X	71979-3910	X	71979-4010			33	66	PK-70873-0138					71979-1833		71979-1933		71979-2033	3.295 (83.69)	3.200 (81.28)										
11	22	PK-70873-0138				71979-1811		71979-1911		71979-2011	1.095 (27.81)	1.000 (25.40)	34	68	PK-70873-0138					71979-1834		71979-1934		71979-2034	3.395 (86.23)	3.300 (83.82)										
		PK-70873-0918			X	71979-3811	X	71979-3911	X	71979-4011			35	70	PK-70873-0138					71979-1835		71979-1935		71979-2035	3.495 (88.77)	3.400 (86.36)										
12	24	PK-70873-0138				71979-1812		71979-1912		71979-2012	1.195 (30.35)	1.100 (27.94)	36	72	PK-70873-0138					71979-1836		71979-1936		71979-2036	3.595 (91.31)	3.500 (88.90)										
		PK-70873-0918			X	71979-3812	X	71979-3912	X	71979-4012																										
13	26	PK-70873-0138				71979-1813		71979-1913		71979-2013	1.295 (32.89)	1.200 (30.48)																								
		PK-70873-0918			X	71979-3813	X	71979-3913	X	71979-4013																										
14	28	PK-70873-0138				71979-1814		71979-1914		71979-2014	1.395 (35.43)	1.300 (33.02)																								
		PK-70873-0918			X	71979-3814	X	71979-3914	X	71979-4014																										
15	30	PK-70873-0138				71979-1815		71979-1915		71979-2015	1.495 (37.97)	1.400 (35.56)																								
		PK-70873-0918			X	71979-3815	X	71979-3915	X	71979-4015																										
16	32	PK-70873-0138				71979-1816		71979-1916		71979-2016	1.595 (40.51)	1.500 (38.10)																								
		PK-70873-0918			X	71979-3816	X	71979-3916	X	71979-4016																										
17	34	PK-70873-0138				71979-1817		71979-1917		71979-2017	1.695 (43.05)	1.600 (40.64)																								
		PK-70873-0918			X	71979-3817	X	71979-3917	X	71979-4017																										
18	36	PK-70873-0138				71979-1818		71979-1918		71979-2018	1.795 (45.59)	1.700 (43.18)																								
		PK-70873-0918			X	71979-3818	X	71979-3918	X	71979-4018																										
19	38	PK-70873-0138				71979-1819		71979-1919		71979-2019	1.895 (48.13)	1.800 (45.72)																								
		PK-70873-0918			X	71979-3819	X	71979-3919	X	71979-4019																										
						</																														

A	NOTE: ALL CONNECTORS ARE PACKAGED IN TUBES PER PK-70873-0138		REVISED EC NO: S2009-0814 DRWN:SKANG CHKD:ATSEE APPR:MLONG 2009/09/01 2009/09/04 2009/09/05	DESCRIPTION H2	REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE NTS	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	A
									DRAWN BY DATE		TITLE SMT RECEPTACLE RIGHT ANGLE, DUAL ROW WITH AND WITHOUT PEG MOLEX MOLEX INCORPORATED			
									CHECKED BY DATE					
									APPROVED BY DATE					
						1 PLACE ±0.25 ±---		DJB 1995/03/15		MOLEX		SHEET NO. 10 OF 12		
						ANGULAR ±1/2°		DJB 1995/03/15						
						DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE TABLE		DOCUMENT NO. SDA-71979-****				
								SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

