

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0719790208](#)
Status: **Active**
Overview: [cgrid_sl_products](#)
Description: 2.54mm (.100") Pitch C-Grid® Receptacle, Surface Mount, Dual Row, Right Angle, 16 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)	16
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

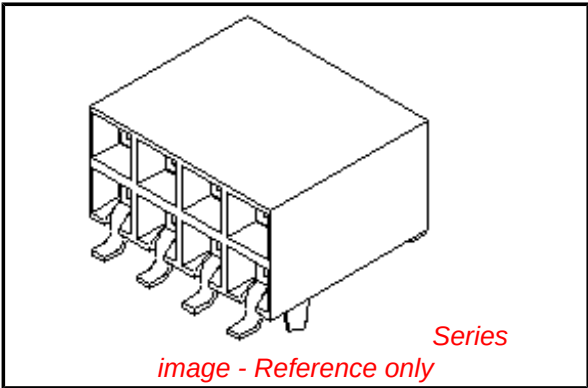
Electrical

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

Material Info

Reference - Drawing Numbers

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



Series
image - Reference only

EU RoHS

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

China RoHS



**Need more information on product
environmental compliance?**

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

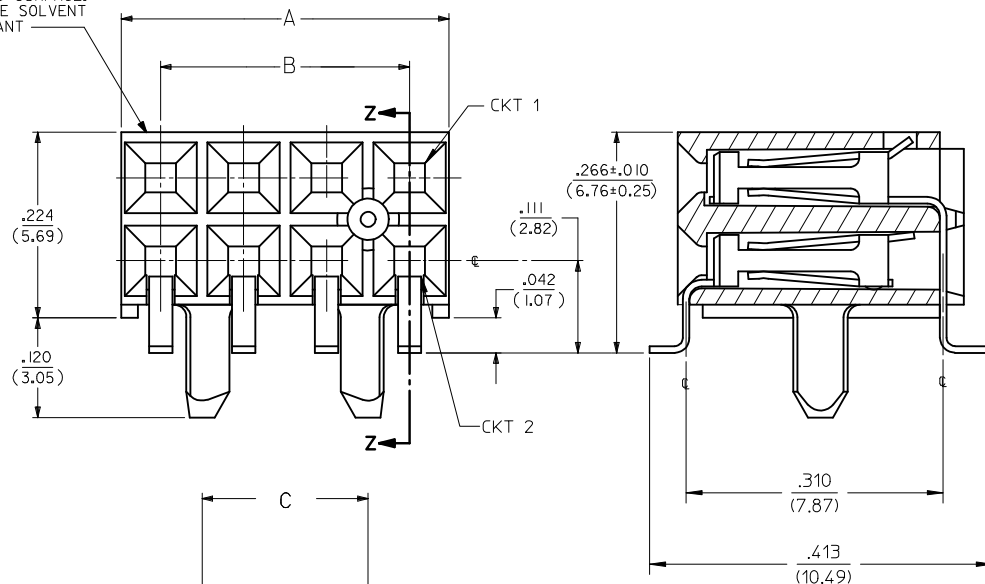
Please visit the [Contact Us](#) section for any
non-product compliance questions.

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)

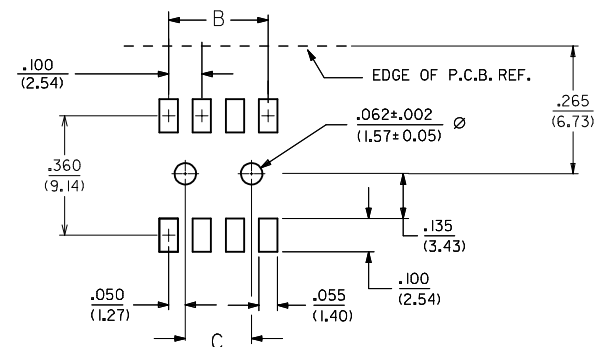
NOTES:

- 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			
				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 DJB	DATE 1995/03/15					
			3 PLACES	± ---	± ---	APPROVED BY DJB	DATE 1995/03/15					
			2 PLACES	± ---	± .01	ANGULAR ±1/2°		MATERIAL NO. SEE TABLE	DOCUMENT NO. SDA-71979-****	SHEET NO. 1 OF 12		
			1 PLACE	± 0.25	± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

9 8 7 6 5 4 3 2 1

10

9

8

7

6

5

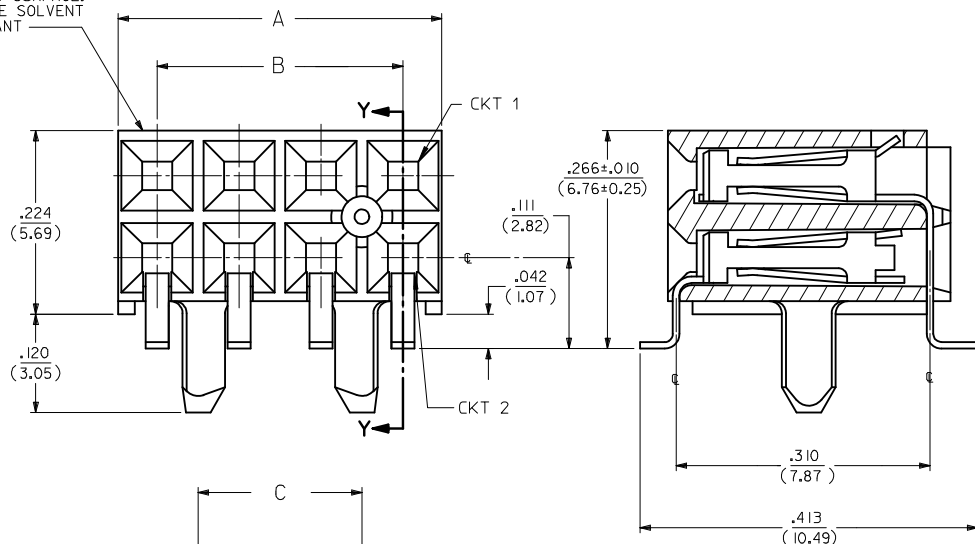
4

3

2

1

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.

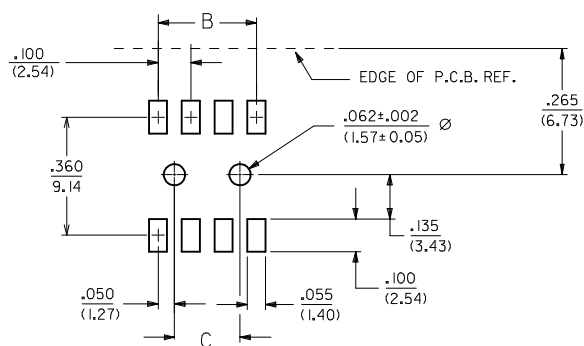
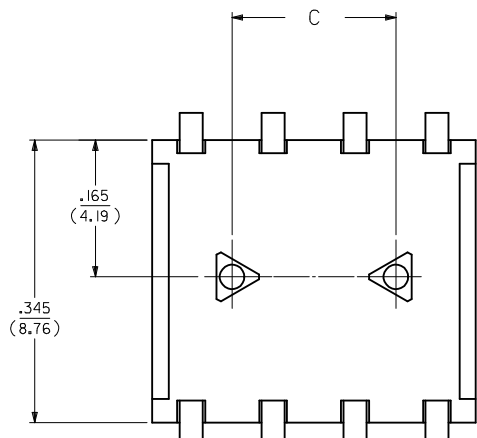
PLATING:

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.

**OPTION B ASSEMBLY**

(ASSEMBLY WITH PEG AND LOWER ROW PINSTOP)

RECOMMENDED P.C.B. LAYOUT

REVISED	EC NO: S2009-0814	2009/09/01	2009/09/04	2009/09/05	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				
										CHECKED BY DATE						
										APPROVED BY DATE						
										DJB 1995/03/15						
			MATERIAL NO.		DOCUMENT NO.					SHEET NO.						
			SEE TABLE		SDA-71979-****					2 OF 12						
			SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											

9

8

7

6

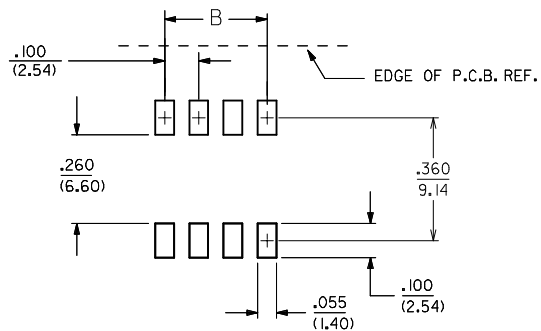
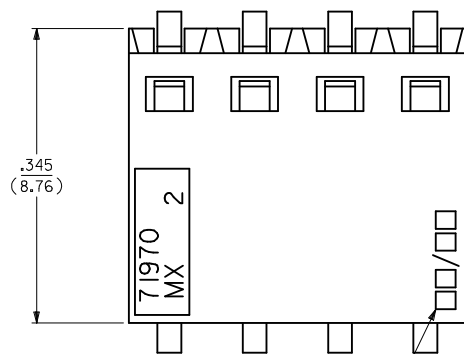
5

4

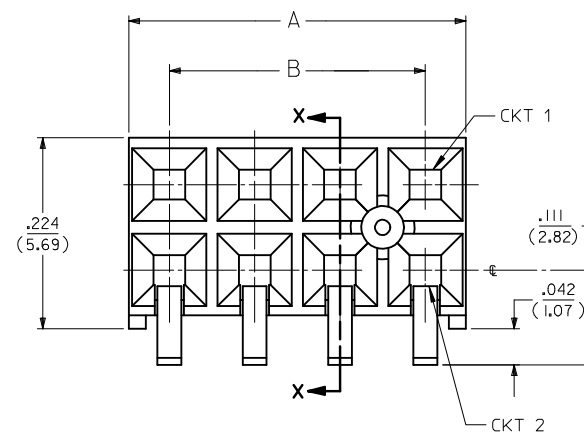
3

2

1

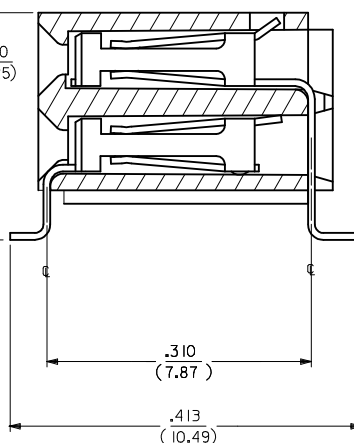


RECOMMENDED P.C.B. LAYOUT



OPTION C ASSEMBLY

(ASSEMBLY WITHOUT PEG AND LOWER ROW PINSTOP)



SECTION X-X

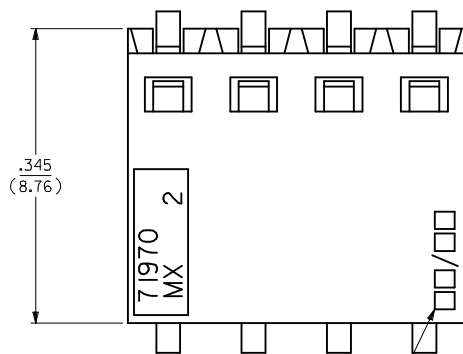
NOTES:

- 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.

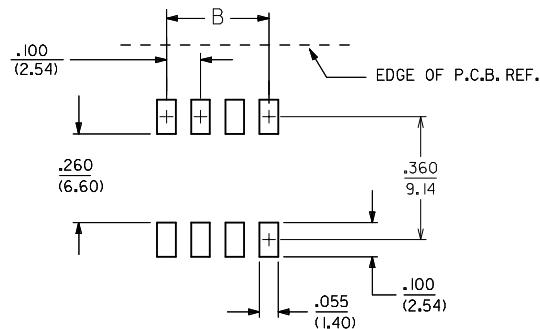
PLATING:

- 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.

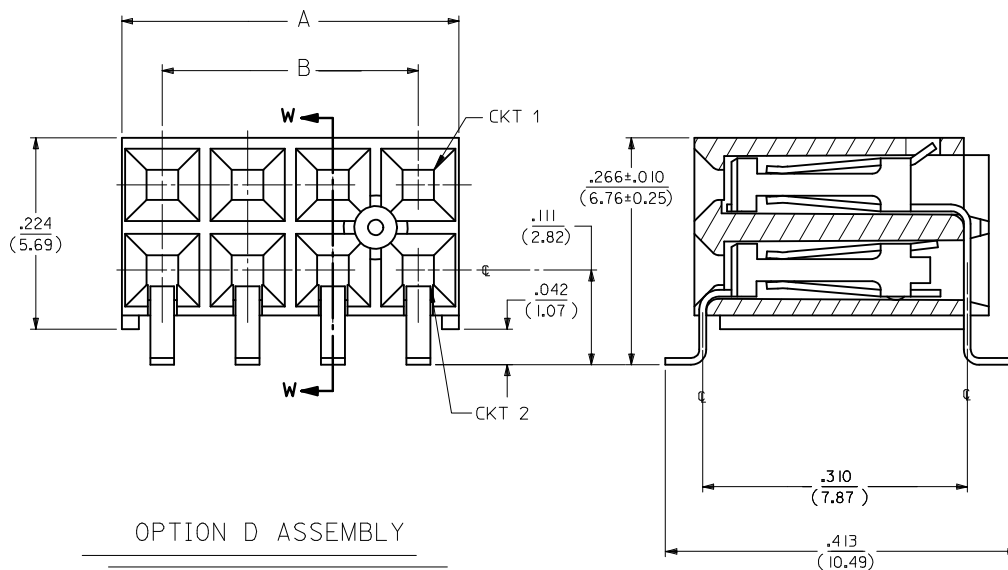
REVISED	EC NO: S2009-0814	2009/09/01	DRWN:SKANG	2009/09/04	CHKD:ATSEE	2009/09/05	APPR:MLONG	REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION			
													IN/MM		NTS	INCH				
													DRAWN BY DATE		TITLE SMT RECEPTACLE RIGHT ANGLE, DUAL ROW WITH AND WITHOUT PEG					
													CHECKED BY DATE							
													APPROVED BY DATE							
													MATERIAL NO.							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SDA-71979-****		3 OF 12														
														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.

*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 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 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-**** SHEET NO. 4 OF 12				
			ANGULAR ± 1/2°		DJB	1995/03/15						
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						

10 9 8 7 6 5 4 3 2 1

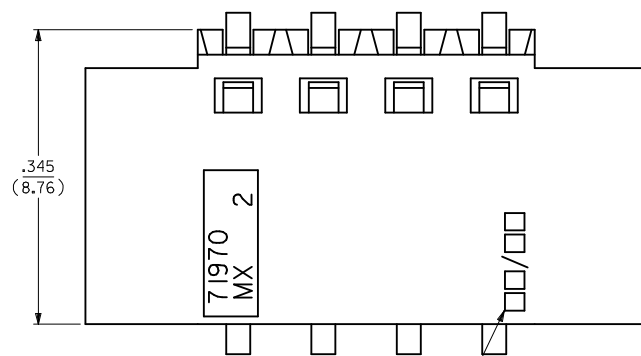
NOTES:

- 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.

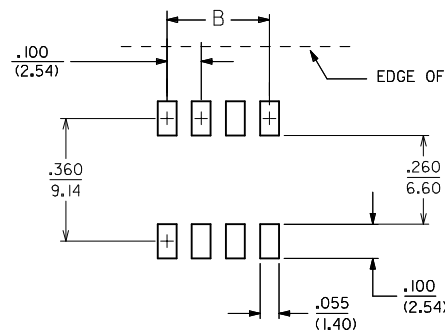
PLATING:

- 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.

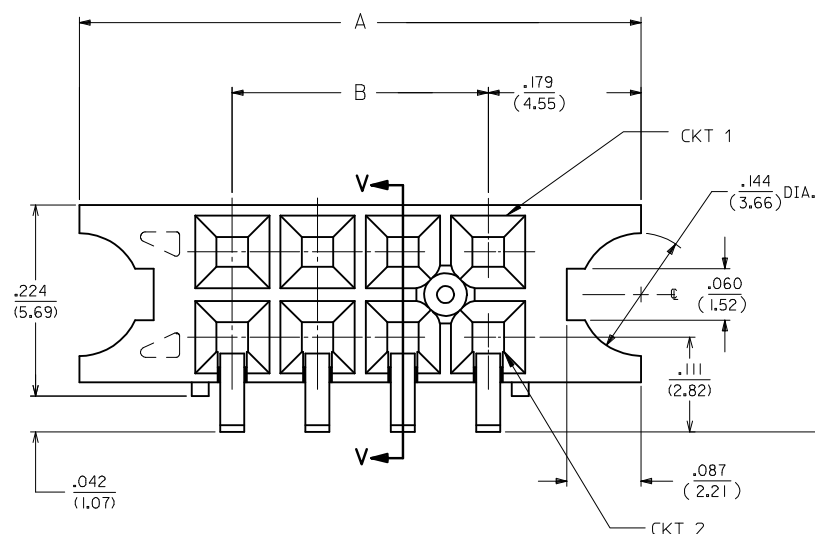
*THE PRIMARY SHIPPING CARTON WILL BE LABELED "COMPLIANT TO
ROHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC".
CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH LEAD.



4 DIGIT DATE CODE
SEE NOTE 4

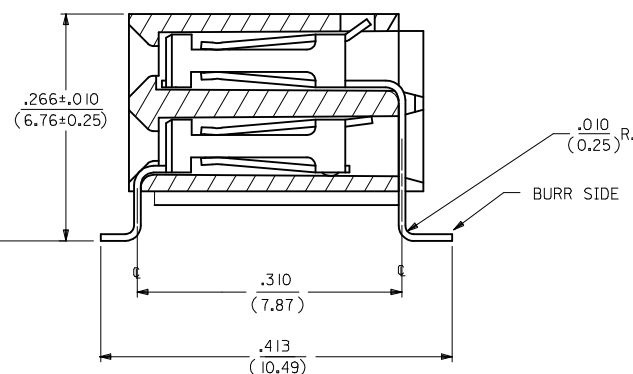


RECOMMENDED P.C.B. LAYOUT



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	
							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

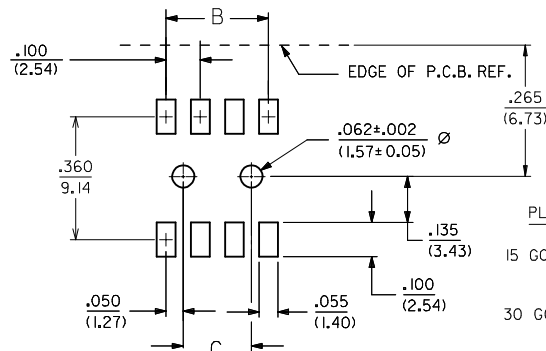
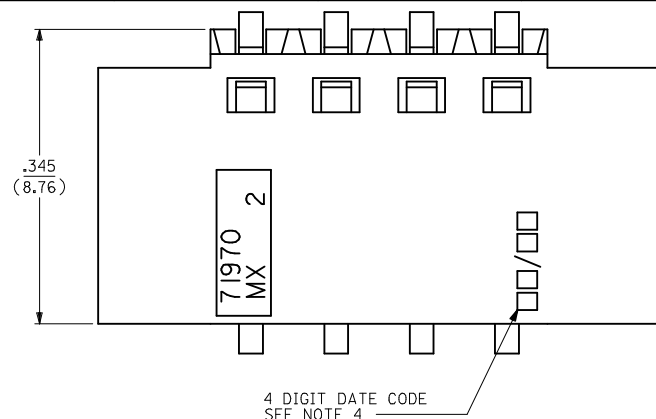
NOTES:

- 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.

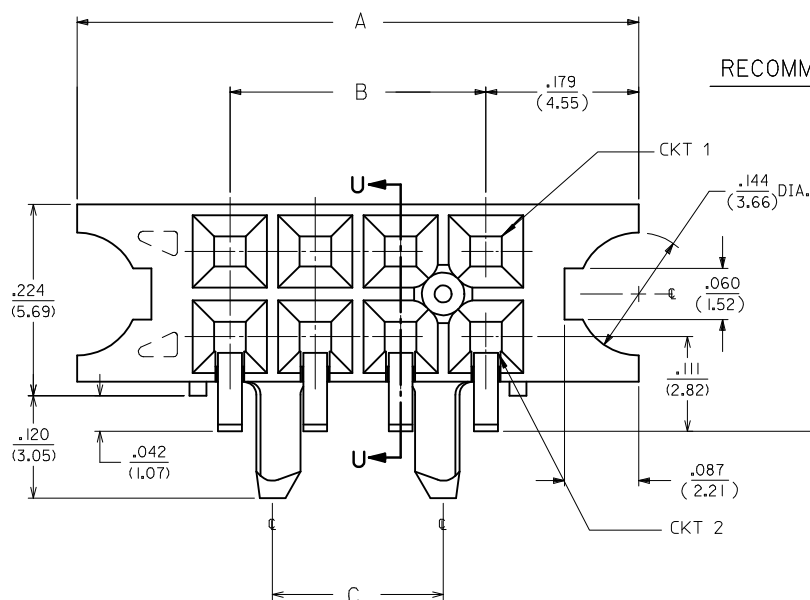
PLATING:

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

*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.



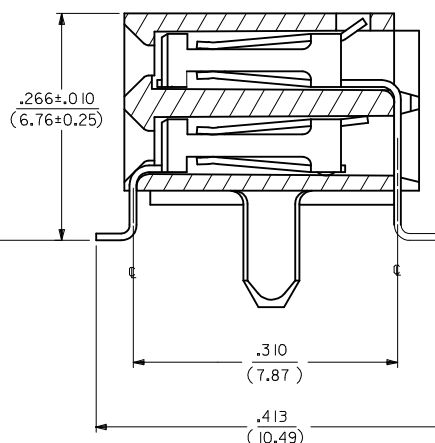
RECOMMENDED P.C.B. LAYOUT



OPTION F ASSEMBLY

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

SECTION U-U



REVISED EC NO: S2009-0814 DRWN:SKANG CHKD:ATSEE APPR:MLONG H2	DESCRIPTION 2009/09/04 2009/09/04 2009/09/05	QUALITY SYMBOLS ▼=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE NTS	DESIGN UNITS INCH	THIRD ANGLE PROJECTION 	
	REV									

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				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 CHKD:ATSEE 2009/09/04 APPR:MLONG 2009/09/05			DESCRIPTION	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		MOLEX SMT RECEPTACLE RIGHT ANGLE, DUAL ROW WITH AND WITHOUT PEG MOLEX INCORPORATED		
								APPROVED BY DATE				
		1 PLACE ± 0.25 ± ---		DJB 1995/03/15		MATERIAL NO.		DOCUMENT NO.	SHEET NO.			
		ANGULAR ± 1/2°				SEE TABLE		SDA-71979-****		7 OF 12		
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						
H2										SIZE 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 IN/MM		SCALE NTS	DESIGN UNITS INCH	THIRD ANGLE PROJECTION		
	"X" INDICATES TOOLING IS NOT AVAILABLE.								4 PLACES	± ---	± ---	DRAWN BY	DATE	TITLE SMT RECEPTACLE RIGHT ANGLE, DUAL ROW WITH AND WITHOUT PEG molex MOLEX INCORPORATED			
									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	MATERIAL NO.		DOCUMENT NO.		SHEET NO.				
					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		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				PER ROW	TOTAL		OPTION D ASSEMBLY PLATINGS PER ES-88-(****) (SEE SHEET I FOR PLATING SPECIFICATIONS)						DIMENSION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				

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:WLONG H2										DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ◊=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH		DIMENSION STYLE IN/MM		SCALE NTS	DESIGN UNITS INCH	THIRD ANGLE PROJECTION		SMT RECEPTACLE RIGHT ANGLE, DUAL ROW WITH AND WITHOUT PEG MOLEX INCORPORATED SDA-71979-**** 10 OF 12															
																															DRAWN BY		DATE		TITLE	
																															CHECKED BY		DATE			
																															APPROVED BY		DATE			
																															MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		SMT RECEPTACLE RIGHT ANGLE, DUAL ROW WITH AND WITHOUT PEG MOLEX INCORPORATED SDA-71979-**** 10 OF 12															
																															DRAWN BY		DATE		TITLE	
																															CHECKED BY		DATE			
																															APPROVED BY		DATE			
MATERIAL NO.																															DOCUMENT NO.		SHEET NO.			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		SMT RECEPTACLE RIGHT ANGLE, DUAL ROW WITH AND WITHOUT PEG MOLEX INCORPORATED SDA-71979-**** 10 OF 12																
																														DRAWN BY		DATE		TITLE		
																														CHECKED BY		DATE				
																														APPROVED BY		DATE				
																														MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		SMT RECEPTACLE RIGHT ANGLE, DUAL ROW WITH AND WITHOUT PEG MOLEX INCORPORATED SDA-71979-**** 10 OF 12																
																														DRAWN BY		DATE		TITLE		
																														CHECKED BY		DATE				
																														APPROVED BY		DATE				
																														MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		SMT RECEPTACLE RIGHT ANGLE, DUAL ROW WITH AND WITHOUT PEG MOLEX INCORPORATED SDA-71979-**** 10 OF 12																
																														DRAWN BY		DATE		TITLE		
																														CHECKED BY		DATE				
																														APPROVED BY		DATE				
																														MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		SMT RECEPTACLE RIGHT ANGLE, DUAL ROW WITH AND WITHOUT PEG MOLEX INCORPORATED SDA-71979-**** 10 OF 12																
																														DRAWN BY		DATE		TITLE		
																														CHECKED BY		DATE				
																														APPROVED BY		DATE				
																														MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		SMT RECEPTACLE RIGHT ANGLE, DUAL ROW WITH AND WITHOUT PEG MOLEX INCORPORATED SDA-71979-**** 10 OF 12																
																														DRAWN BY		DATE		TITLE		
																														CHECKED BY		DATE				
																														APPROVED BY		DATE				
																														MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		SMT RECEPTACLE RIGHT ANGLE, DUAL ROW WITH AND WITHOUT PEG MOLEX INCORPORATED SDA-71979-**** 10 OF 12																
																														DRAWN BY		DATE		TITLE		
																														CHECKED BY		DATE				
																														APPROVED BY		DATE				
																														MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		SMT RECEPTACLE RIGHT ANGLE, DUAL ROW WITH AND WITHOUT PEG MOLEX INCORPORATED SDA-71979-**** 10 OF 12																
																														DRAWN BY		DATE		TITLE		
																														CHECKED BY		DATE				
																														APPROVED BY		DATE				
																														MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		SMT RECEPTACLE RIGHT ANGLE, DUAL ROW WITH AND WITHOUT PEG MOLEX INCORPORATED SDA-71979-**** 10 OF 12																
																														DRAWN BY		DATE		TITLE		
																														CHECKED BY		DATE				
																														APPROVED BY		DATE				
																														MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		SMT RECEPTACLE RIGHT ANGLE, DUAL ROW WITH AND WITHOUT PEG MOLEX INCORPORATED SDA-71979-**** 10 OF 12																
																														DRAWN BY		DATE		TITLE		
																														CHECKED BY		DATE				
																														APPROVED BY		DATE				
																														MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		SMT RECEPTACLE RIGHT ANGLE, DUAL ROW WITH AND WITHOUT PEG MOLEX INCORPORATED SDA-71979-**** 10 OF 12																
																														DRAWN BY		DATE		TITLE		
																														CHECKED BY		DATE				
																														APPROVED BY		DATE				
																														MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		SMT RECEPTACLE RIGHT ANGLE, DUAL ROW WITH AND WITHOUT PEG MOLEX INCORPORATED SDA-71979-**** 10 OF 12																
																														DRAWN BY		DATE		TITLE		
																														CHECKED BY		DATE				
																														APPROVED BY		DATE				
																														MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		SMT RECEPTACLE RIGHT ANGLE, DUAL ROW WITH AND WITHOUT PEG MOLEX INCORPORATED SDA-71979-**** 10 OF 12																
																														DRAWN BY		DATE		TITLE		
																														CHECKED BY		DATE				
																														APPROVED BY		DATE				
																														MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		SMT RECEPTACLE RIGHT ANGLE, DUAL ROW WITH AND WITHOUT PEG MOLEX INCORPORATED SDA-71979-**** 10 OF 12																
																														DRAWN BY		DATE		TITLE		
																														CHECKED BY		DATE				
																														APPROVED BY		DATE				
																														MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		SMT RECEPTACLE RIGHT ANGLE, DUAL ROW WITH AND WITHOUT PEG MOLEX INCORPORATED SDA-71979-**** 10 OF 12																
																														DRAWN BY		DATE		TITLE		
																														CHECKED BY		DATE				
																														APPROVED BY		DATE				
																														MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		SMT RECEPTACLE RIGHT ANGLE, DUAL ROW WITH AND WITHOUT PEG MOLEX INCORPORATED SDA-71979-**** 10 OF 12																
																														DRAWN BY		DATE		TITLE		
																														CHECKED BY		DATE				
																														APPROVED BY		DATE				
																														MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		SMT RECEPTACLE RIGHT ANGLE, DUAL ROW WITH AND WITHOUT PEG MOLEX INCORPORATED SDA-71979-**** 10 OF 12																
																														DRAWN BY		DATE		TITLE		
																														CHECKED BY		DATE				
																														APPROVED BY		DATE				
																														MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		SMT RECEPTACLE RIGHT ANGLE, DUAL ROW WITH AND WITHOUT PEG MOLEX INCORPORATED SDA-71979-**** 10 OF 12																
																														DRAWN BY		DATE		TITLE		
																														CHECKED BY		DATE				
																														APPROVED BY		DATE				
																														MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		SMT RECEPTACLE RIGHT ANGLE, DUAL ROW WITH AND WITHOUT PEG MOLEX INCORPORATED SDA-71979-**** 10 OF 12																
																														DRAWN BY		DATE		TITLE		
																														CHECKED BY		DATE				
																														APPROVED BY		DATE				
																														MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		SMT RECEPTACLE RIGHT ANGLE, DUAL ROW WITH AND WITHOUT PEG MOLEX INCORPORATED SDA-71979-**** 10 OF 12																
																														DRAWN BY		DATE		TITLE		
																														CHECKED BY		DATE				
																														APPROVED BY		DATE				
																														MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		SMT RECEPTACLE RIGHT ANGLE, DUAL ROW WITH AND WITHOUT PEG MOLEX INCORPORATED SDA-71979-**** 10 OF 12																
																														DRAWN BY		DATE		TITLE		
																														CHECKED BY		DATE				
																														APPROVED BY		DATE				
																														MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		SMT RECEPTACLE RIGHT ANGLE, DUAL ROW WITH AND WITHOUT PEG MOLEX INCORPORATED SDA-71979-**** 10 OF 12																
																														DRAWN BY		DATE		TITLE		
																														CHECKED BY		DATE				
																														APPROVED BY		DATE				
																														MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		SMT RECEPTACLE RIGHT ANGLE, DUAL ROW WITH AND WITHOUT PEG MOLEX INCORPORATED SDA-71979-**** 10 OF 12																
																														DRAWN BY		DATE		TITLE		
																														CHECKED BY		DATE				
																														APPROVED BY		DATE				
																														MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		SMT RECEPTACLE RIGHT ANGLE, DUAL ROW WITH AND WITHOUT PEG MOLEX INCORPORATED SDA-71979-**** 10 OF 12																
																														DRAWN BY		DATE		TITLE		
																														CHECKED BY		DATE				
																														APPROVED BY		DATE				
																														MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		SMT RECEPTACLE RIGHT ANGLE, DUAL ROW WITH AND WITHOUT PEG MOLEX INCORPORATED SDA-71979-**** 10 OF 12																
																														DRAWN BY		DATE		TITLE		
																														CHECKED BY		DATE				
																														APPROVED BY		DATE				
																														MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		SMT RECEPTACLE RIGHT ANGLE, DUAL ROW WITH AND WITHOUT PEG MOLEX INCORPORATED SDA-71979-**** 10 OF 12																
																														DRAWN BY		DATE		TITLE		
																														CHECKED BY		DATE				
																														APPROVED BY		DATE				
																														MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		SMT RECEPTACLE RIGHT ANGLE, DUAL ROW WITH AND WITHOUT PEG MOLEX INCORPORATED SDA-71979-**** 10 OF 12																
																														DRAWN BY		DATE		TITLE		
																														CHECKED BY		DATE				
																														APPROVED BY		DATE				
																														MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		SMT RECEPTACLE RIGHT ANGLE, DUAL ROW WITH AND WITHOUT PEG MOLEX INCORPORATED SDA-71979-**** 10 OF 12																
																														DRAWN BY		DATE		TITLE		
																														CHECKED BY		DATE				
																														APPROVED BY		DATE				
																														MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		SMT RECEPTACLE RIGHT ANGLE, DUAL ROW WITH AND WITHOUT PEG MOLEX INCORPORATED SDA-71979-**** 10 OF 12																
																														DRAWN BY		DATE		TITLE		
																														CHECKED BY		DATE				
																														APPROVED BY		DATE				
																														MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		SMT RECEPTACLE RIGHT ANGLE, DUAL ROW WITH AND WITHOUT PEG MOLEX INCORPORATED SDA-71979-**** 10 OF 12																
																														DRAWN BY		DATE		TITLE		
																														CHECKED BY		DATE				
																														APPROVED BY		DATE				
																														MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		SMT RECEPTACLE RIGHT ANGLE, DUAL ROW WITH AND WITHOUT PEG MOLEX INCORPORATED SDA-71979-**** 10 OF 12																
																														DRAWN BY		DATE		TITLE		
																														CHECKED BY		DATE				
																														APPROVED BY		DATE				
																														MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		SMT RECEPTACLE RIGHT ANGLE, DUAL ROW WITH AND WITHOUT PEG MOLEX INCORPORATED SDA-71979-**** 10 OF 12																
																														DRAWN BY		DATE		TITLE		
																														CHECKED BY		DATE				
																														APPROVED BY		DATE				
																														MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		SMT RECEPTACLE RIGHT ANGLE, DUAL ROW WITH AND WITHOUT PEG MOLEX INCORPORATED SDA-71979-**** 10 OF 12																
																														DRAWN BY		DATE		TITLE		
																														CHECKED BY		DATE				
																														APPROVED BY		DATE				
																														MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		SMT RECEPTACLE RIGHT ANGLE, DUAL ROW WITH AND WITHOUT PEG MOLEX INCORPORATED SDA-71979-**** 10 OF 12																
																														DRAWN BY		DATE		TITLE		
																														CHECKED BY		DATE				
																														APPROVED BY		DATE				
																														MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										REV																										

	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

A	NOTE: ALL CONNECTORS ARE PACKAGED IN TUBES PER PK-70873-0139					REVISED EC NO: S2009-0814 DRWN:SKANG CHKD:ATSEE APPR:MLONG 2009/09/04 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	SMT RECEPTACLE RIGHT ANGLE, DUAL ROW WITH AND WITHOUT PEG MOLEX INCORPORATED	SHEET NO. 11 OF 12
	"X" INDICATES TOOLING IS NOT AVAILABLE.												
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													

		10				9				8				7				6				5				4				3				2				1				
		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															
		PER ROW	TOTAL					15 GOLD		30 GOLD		50 GOLD		A	B	C			PER ROW	TOTAL					15 GOLD		30 GOLD		50 GOLD		A	B	C									
F		4	8					71979-3404	71979-3504	71979-3604	.658 (16.71)	.300 (7.62)	.200 (5.08)					34	68					71979-3434	71979-3534	71979-3634	3.658 (92.91)	3.300 (83.82)	3.200 (81.28)													
		5	10					71979-3405	71979-3505	71979-3605	.758 (19.25)	.400 (10.16)	.300 (7.62)					35	70					71979-3435	71979-3535	71979-3635	3.758 (95.45)	3.400 (86.36)	3.300 (83.82)													
		6	12					71979-3406	71979-3506	71979-3606	.858 (21.79)	.500 (12.70)	.400 (10.16)					36	72					71979-3436	71979-3536	71979-3636	3.858 (97.99)	3.500 (88.90)	3.400 (86.36)													
		7	14					71979-3407	71979-3507	71979-3607	.958 (24.33)	.600 (15.24)	.500 (12.70)																													
		8	16					71979-3408	71979-3508	71979-3608	1.058 (26.87)	.700 (17.78)	.600 (15.24)																													
		9	18					71979-3409	71979-3509	71979-3609	1.158 (29.41)	.800 (20.32)	.700 (17.78)																													
		10	20					71979-3410	71979-3510	71979-3610	1.258 (31.95)	.900 (22.86)	.800 (20.32)																													
E		11	22					71979-3411	71979-3511	71979-3611	1.358 (34.49)	1.000 (25.40)	.900 (22.86)																													
		12	24					71979-3412	71979-3512	71979-3612	1.458 (37.03)	1.100 (27.94)	1.000 (25.40)																													
		13	26					71979-3413	71979-3513	71979-3613	1.558 (39.57)	1.200 (30.48)	1.100 (27.94)																													
		14	28					71979-3414	71979-3514	71979-3614	1.658 (42.11)	1.300 (33.02)	1.200 (30.48)																													
		15	30					71979-3415	71979-3515	71979-3615	1.758 (44.65)	1.400 (35.56)	1.300 (33.02)																													
		16	32					71979-3416	71979-3516	71979-3616	1.858 (47.19)	1.500 (38.10)	1.400 (35.56)																													
		17	34					71979-3417	71979-3517	71979-3617	1.958 (49.73)	1.600 (40.64)	1.500 (38.10)																													
D		18	36					71979-3418	71979-3518	71979-3618	2.058 (52.27)	1.700 (43.18)	1.600 (40.64)																													
		19	38					71979-3419	71979-3519	71979-3619	2.158 (54.81)	1.800 (45.72)	1.700 (43.18)																													
		20	40					71979-3420	71979-3520	71979-3620	2.258 (57.35)	1.900 (48.26)	1.800 (45.72)																													
		21	42					71979-3421	71979-3521	71979-3621	2.358 (59.89)	2.000 (50.80)	1.900 (48.26)																													
		22	44					71979-3422	71979-3522	71979-3622	2.458 (62.43)	2.100 (53.34)	2.000 (50.80)																													
		23	46					71979-3423	71979-3523	71979-3623	2.558 (64.97)	2.200 (55.88)	2.100 (53.34)																													
		24	48					71979-3424	71979-3524	71979-3624	2.658 (67.51)	2.300 (58.42)	2.200 (55.88)																													
C		25	50					71979-3425	71979-3525	71979-3625	2.758 (70.05)	2.400 (60.96)	2.300 (58.42)																													
		26	52					71979-3426	71979-3526	71979-3626	2.858 (72.59)	2.500 (63.50)	2.400 (60.96)																													
		27	54					71979-3427	71979-3527	71979-3627	2.958 (75.13)	2.600 (66.04)	2.500 (63.50)																													
		28	56					71979-3428	71979-3528	71979-3628	3.058 (77.67)	2.700 (68.58)	2.600 (66.04)																													
		29	58					71979-3429	71979-3529	71979-3629	3.158 (80.21)	2.800 (71.12)	2.700 (68.58)																													
		30	60					71979-3430	71979-3530	71979-3630	3.258 (82.75)	2.900 (73.66)	2.800 (71.12)																													
		31	62					71979-3431	71979-3531	71979-3631	3.358 (85.29)	3.000 (76.20)	2.900 (73.66)																													
		32	64					71979-3432	71979-3532	71979-3632	3.458 (87.83)	3.100 (78.74)	3.000 (76.20)																													
B		33	66					71979-3433	71979-3533	71979-3633	3.558 (90.37)	3.200 (81.28)	3.100 (78.74)																													

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 2009/09/04 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°		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.		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. 12 OF 12	
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											