



10 9 8 7 6 5 4 3 2 1

PART NO's - STRAIGHT PINS		PART NO.	NO OF CKTS.	DIM. A		DIM. B $(\pm 0.30)$ $\pm 0.25$		NO. PER TUBE
STANDARD	CUSTOMER SPECIFIC							
90148-1X02		90148-4X02	2	( 2.54 )	.100	( 5.08 )	.200	105
↑ 03	↑	↑ 03	3	( 5.08 )	.200	( 7.62 )	.300	72
↑ 04	↑	↑ 04	4	( 7.62 )	.300	(10.16)	.400	52
↑ 05	↑	↑ 05	5	(10.16)	.400	(12.70)	.500	44
↑ 06	90148-9X06	↑ 06	6	(12.70)	.500	(15.24)	.600	36
↑ 07	↑	↑ 07	7	(15.24)	.600	(17.78)	.700	30
↑ 08	↑	↑ 08	8	(17.78)	.700	(20.32)	.800	26
↑ 09	↑	↑ 09	9	(20.32)	.800	(22.86)	.900	24
↑ 10	↑	↑ 10	10	(22.86)	.900	(25.40)	1.000	22
↑ 11	↑	↑ 11	11	(25.40)	1.000	(27.94)	1.100	18
↑ 12	↑	↑ 12	12	(27.94)	1.100	(30.48)	1.200	18
↑ 13	↑	↑ 13	13					16
↑ 14	↑	↑ 14	14	(33.02)	1.300	(35.56)	1.400	14
↑ 15	↑	↑ 15	15	(35.56)	1.400	(38.10)	1.500	14
↑ 16	↑	↑ 16	16					13
↑ 17	↑	↑ 17	17					12
↑ 18	↑	↑ 18	18	(43.18)	1.700	(45.72)	1.800	12
↑ 19	↑	↑ 19	19	(45.72)	1.800	(48.26)	1.900	12
↑ 20	↑	↑ 20	20	(48.26)	1.900	(50.80)	2.000	11
↑ 21	↑	↑ 21	21					10
↑ 22	↑	↑ 22	22					10
↑ 23	↑	↑ 23	23					10
↑ 24	↑	↑ 24	24					9
↑ 25	↑	↑ 25	25	(60.96)	2.400	(63.50)	2.500	8
↑ 26	↑	↑ 26	26	(63.50)	2.500	(66.04)	2.600	8
↑ 27	↑	↑ 27	27					8
↑ 28	↑	↑ 28	28					7
↑ 29	↑	↑ 29	29					7
↑ 30	↑	↑ 30	30	(73.66)	2.900	(76.20)	3.000	7
↑ 31	↑	↑ 31	31					7
90148-1X32		90148-4X32	32	(78.74)	3.100	(81.28)	3.200	6

PLATING VERSION A

PRE-PLATED HOT DIP TIN  
1.0 TO 2.5 microns (.00004" TO .00010").

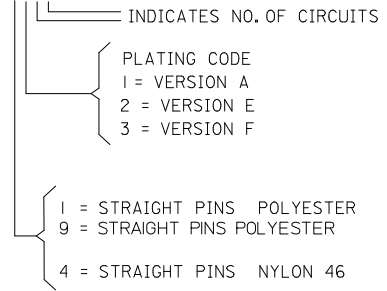
PLATING VERSION E

1.27 TO 1.78 microns (.00005" TO .00007") NICKEL  
OVERALL, 0.38 TO 0.64 microns (.000015" TO .000025")  
GOLD ON CONTACT AREA (OVER NICKEL).  
3 TO 5 microns (.00012" TO .00020") TIN  
ON SOLDER TAILS (OVER NICKEL).

PLATING VERSION F.

1.27 TO 1.78 microns (.00005" TO .00007") NICKEL  
OVERALL, 0.76 TO 1.0 microns (.00003" TO .00004")  
GOLD ON CONTACT AREA (OVER NICKEL).  
3 TO 5 microns (.00012" TO .00020") TIN  
ON SOLDER TAILS (OVER NICKEL).

90148-XXYY



UPDATE TOL.SYMMETRY EC NO: S2010-0968 DRWNSKANG 2010/05/26 CHYKATSEE 2010/06/04 APPR:MLONG 2010/06/05 AK	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY	SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		▽=0	4 PLACES ± --- ± ---	DRAWN BY DB	DATE 1987/07/14	TITLE C-GRID III SINGLE ROW HORIZONTAL P.C BOARD CONN.		
		▽=0	3 PLACES ± --- ± ---	CHECKED BY D.MORIARTY	DATE 2005/03/02	MOLEX INCORPORATED		
		▽=0	2 PLACES ± 0.15 ± ---	APPROVED BY J.DENNEHY	DATE 2010/06/04	DOCUMENT NO. SDA-90148	SHEET NO. 2 OF 3	
		ANGULAR ± 2 °	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			

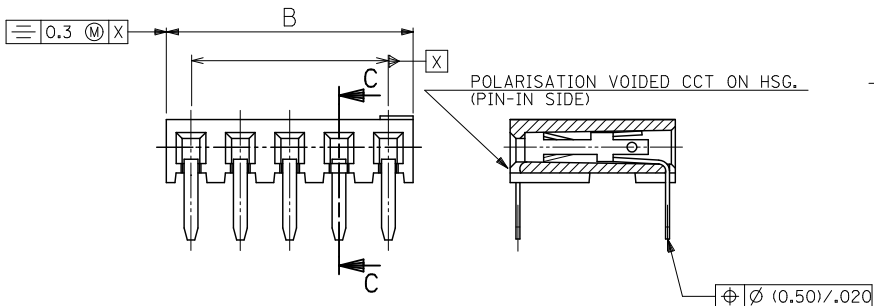
9 8 7 6 5 4 3 2 1

10 9 8 7 6 5 4 3 2 1

PART NO.	POLARISED CCT NO.	NO. OF CKTS.	DIM. A	DIM. B $\left( \begin{smallmatrix} \pm 0.30 \\ \pm 0.25 \end{smallmatrix} \right)$	NO. PER TUBE
90148-3X01	2	3	( 5.08 ) .200	( 7.62 ) .300	72

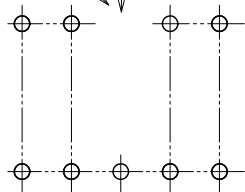
**NON-STANDARD PRODUCTS**

90148-XXXX  
 \_\_\_\_\_ OPTION NUMBER  
 ( NOT RELATING TO CCT SIZE OR OTHERWISE )  
 \_\_\_\_\_ PLATING CODE ( SEE SHEET 2 )  
 \_\_\_\_\_ 3 = STRAIGHT PINS POLYESTER, POLARISED



POLARISATION VOIDED  
 CCT ON P.C.B.  
 ( PIN-IN SIDE )

PIN INSERTION TO HOUSING  
 FROM THIS SIDE



SECTION C-C SHOWING POLARISED CCT

- NOTES  
 1) SEE SHEET 1 FOR ALL UNSPECIFIED DIMENSIONS AND NOTES.  
 2) PARTS NOT STACKABLE.

UPDATE TOL. SYMMETRY EC NO: S2010-0968 DRAWNSKING 2010/05/26 CHKDATSEE 2010/06/04 APPR:MLONG 2010/06/05 AK	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY	SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION																																								
	$\nabla = 0$ $\nabla = 0$ $\nabla = 0$	<table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>3 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.15</td> <td>± ---</td> </tr> <tr> <td>1 PLACE</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td colspan="3">ANGULAR ± 2 °</td> </tr> </tbody> </table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.15	± ---	1 PLACE	± ---	± ---	ANGULAR ± 2 °			<table border="1"> <thead> <tr> <th>DRAWN BY</th> <th>DATE</th> <th>TITLE</th> </tr> </thead> <tbody> <tr> <td>DB</td> <td>1987/07/14</td> <td>C-GRID III SINGLE ROW HORIZONTAL P.C BOARD CONN.</td> </tr> <tr> <td>CHECKED BY</td> <td>DATE</td> <td></td> </tr> <tr> <td>D. MORIARTY</td> <td>2005/03/02</td> <td></td> </tr> <tr> <td>APPROVED BY</td> <td>DATE</td> <td></td> </tr> <tr> <td>J. DENNEHY</td> <td>2010/06/04</td> <td></td> </tr> </tbody> </table>	DRAWN BY	DATE	TITLE	DB	1987/07/14	C-GRID III SINGLE ROW HORIZONTAL P.C BOARD CONN.	CHECKED BY	DATE		D. MORIARTY	2005/03/02		APPROVED BY	DATE		J. DENNEHY	2010/06/04		<table border="1"> <tr> <td>MATERIAL NO.</td> <td>DOCUMENT NO.</td> <td>SHEET NO.</td> </tr> <tr> <td>SEE TABLE</td> <td>SDA-90148</td> <td>3 OF 3</td> </tr> </table>	MATERIAL NO.	DOCUMENT NO.	SHEET NO.	SEE TABLE	SDA-90148	3 OF 3
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	20		20	(48.26) 1.900	(50.80) 2.000		11	
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	23		23				10	
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	27		27				8	
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	29		29				7	
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	↓ 31		↓ 31				7	
90148-1X32		90148-4X32	32	(78.74) 3.100	(81.28) 3.200		6	

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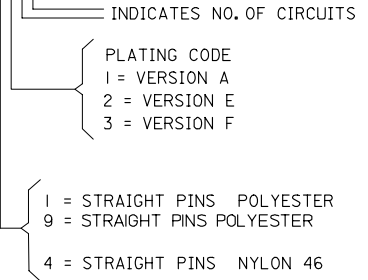
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90148-XXYY



ADD NEW P/N EC NO: E2007-0823 DRAWN BY: RINES CHKD: CHIKO APPR: EDMAHONY 2007/03/29 2007/03/29 2007/04/04 DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	▽=0	4 PLACES ± --- ± ---	MM ONLY	---	METRIC		
	▽=0	3 PLACES ± --- ± ---	DRAWN BY	DATE	TITLE		
		2 PLACES ± --- ± ---	DB	1987/07/14	C-GRID III SINGLE ROW HORIZONTAL P.C. BOARD CONNECTOR		
	1 PLACE ± --- ± ---	1 PLACE ± --- ± ---	CHECKED BY	DATE			
	ANGULAR ± ---°		D. MORIARTY				
			APPROVED BY	DATE			
			J. DENNEHY				
			MATERIAL NO.	DOCUMENT NO.			
			SEE CHART	SDA-90148			
			SIZE				
			A3				
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
						SHEET NO. 2 OF 3	

9 8 7 6 5 4 3 2 1