



- 1 POST TO WITHSTAND 13 NEWTONS (3 LBS) MIN. AXIAL FORCE IN DIRECTION SHOWN WITHOUT DISLODGING.
- 2 MEASURED AT SURFACE  $\overline{A-A}$ .
- 3 PARTS COMPLY WITH AMP SOLDERABILITY SPEC. NO. 109-11-2.
- 4 MATERIAL:  
HOUSING: NYLON 4/6, HIGH TEMP, BLACK  
POST: COPPER ALLOY, (SEE NOTES 8, 9 & 13 FOR PLATING).
- 5 COORDINATE DIMENSION APPLIES FROM CENTER OF ACTUAL FEATURE.
- 6 POSTS TO BE MEASURED WHEN STRIP IS HELD FLAT.
- 7 DIMENSIONS IN BRACKETS ARE IN INCHES.
- 8 PLATING: GOLD PLATE AREA, 0.00038 [0.00015] GOLD OR 0.00008 [0.00003] MIN GOLD FLASH OVER 0.00030 [0.00012] PALLADIUM NICKEL, PER TE CONNECTIVITY'S DISCRETION, ALL SIDES, OVER NICKEL UNDERPLATE, 0.00127 [0.00050] MIN, ALL SIDES AND ENTIRE LENGTH OF POST.
- 9 BRIGHT TIN/LEAD (93/7) PLATE AREA, 0.00381-0.00889 [0.00150-0.00350] THICK, ALL FOUR SIDES, 3.56[.140] MIN.
- 10 TOLERANCES APPLY TO SOLDER SIDE OF BOARD.
- 11 ONE HOLE MAY BE UNDERSIZED 0.81-0.89 [0.32-0.35] DIAMETER FOR ASSEMBLY RETENTION DURING PROCESSING.
- 12 AMP LOGO AND UL AND CSA TRADEMARKS TO APPEAR ON THIS SURFACE.
- 13 MATTE TIN PLATE AREA, 0.00381-0.00889[0.00150-0.00350] THICK, ALL FOUR SIDES, 3.56[.140] MIN.
- 14 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

POST FINISH	W		G		L		NO. OF POSITIONS	PART NUMBER
	MM	[IN]	MM	[IN]	MM	[IN]		
8, 13	10.16	.400	12.70	.500	30.48	1.200	12	4-647075-2
	-	-	10.16	.400	27.94	1.100	11	4-647075-1
	-	-	7.62	.300	25.40	1.000	10	4-647075-0
	-	-	5.08	.200	22.86	.900	9	3-647075-9
	-	-	2.54	.100	20.32	.800	8	3-647075-8
	-	-	-	-	17.78	.700	7	3-647075-7
	-	-	-	-	15.24	.600	6	3-647075-6
	-	-	-	-	12.70	.500	5	3-647075-5
	-	-	-	-	10.16	.400	4	3-647075-4
	-	-	-	-	7.62	.300	3	3-647075-3
8, 9	-	-	-	-	5.08	.200	2	3-647075-2
	10.16	.400	12.70	.500	30.48	1.200	12	1-647075-2
	-	-	10.16	.400	27.94	1.100	11	1-647075-1
	-	-	7.62	.300	25.40	1.000	10	1-647075-0
	-	-	5.08	.200	22.86	.900	9	647075-9
	-	-	2.54	.100	20.32	.800	8	647075-8
	-	-	-	-	17.78	.700	7	647075-7
	-	-	-	-	15.24	.600	6	647075-6
	-	-	-	-	12.70	.500	5	647075-5
	-	-	-	-	10.16	.400	4	647075-4
-	-	-	-	7.62	.300	3	647075-3	
-	-	-	-	5.08	.200	2	647075-2	

RECOMMENDED MOUNTING HOLE PATTERN FOR 1.57±0.20 [0.062±0.008] THICK P.C. BOARD

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THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DIN S. HOOVER 25FEB03	APPRO D. ROSSI 25FEB03	NAME
0 PLC ±	1 PLC ±	2 PLC ±	3 PLC ± 0.38 [015]	4 PLC ±
ANGLES ± 0°30'				
MATERIAL	FINISH	APPRO D. ROSSI 25FEB03	NAME	MTA-.100 HEADER ASSEMBLY, HIGH TEMPERATURE, POLARIZED, STRAIGHT .025 SQUARE, POST, .000015 GOLD
4	4	APPLICATION SPEC	SIZE	CAGE CODE
		WEIGHT	A1 00779	647075
		CUSTOMER DRAWING	SCALE 5:1	SHEET 1 OF 1