



RECOMMENDED PC BOARD PAD PATTERN
 0.20 [0.008] THICK STENCIL

- 1 HOUSING: GLASS FILLED, FLAME RETARDANT POLYESTER, BLACK CONTACTS: PHOSPHOR BRONZE. VACUUM COVER: STAINLESS STEEL.
- 2 CONTACTS: DUPLEX PLATED: 0.76µm [0.000030] GOLD IN CONTACT AREA 3.81-7.62µm [0.000150-0.000300] BRIGHT TIN-LEAD ON LEADS, ALL OVER 1.27µm [0.000050] MINIMUM NICKEL.
- 3 THESE DIMENSIONS PERTAIN TO CAVITY CENTERLINES ONLY. NOT TO CONTACT LOCATION.
- 4 POINT OF MEASUREMENT FOR PLATING THICKNESS.
- 5 POINT OF CONTACT DIMENSION.
- 6 DATE CODE AND PART NUMBER, ARE MARKED IN APPROXIMATE LOCATION SHOWN.
- 7 TOLERANCE IS NON-CUMULATIVE.
- 8 5.2 [0.205] MIN TARGET AREA FOR VACUUM PICK-UP COVERS TO BE REMOVED AFTER SOLDERING.
- 9 FOR 2 POS, DATE CODE IS STAMPED OPPOSITE SIDE OF TYCO LOGO.
- 10 TYCO LOGO AND CSA LOGO ARE MOLDED INTO HOUSING.
- 11 NO PART NUMBER MARKING REQUIRED ON THIS PART.
- 12 CONTACT: DUPLEX PLATED: 0.76 MICROMETERS (.000030) GOLD IN CONTACT AREA, 3.81-7.62 MICROMETERS (.000150-.000300) MATTE TIN ON LEADS, ALL OVER 1.27 MICROMETERS (.000050) MINIMUM NICKEL.
- 13 ROHS 2002/95/EC COMPLIANT

120mm	99.06 [3.900]	101.6 [4.000]	40	△	3-147723-9
	96.52 [3.800]	99.06 [3.900]	39	△	3-147723-8
	93.98 [3.700]	96.52 [3.800]	38	△	3-147723-7
	91.44 [3.600]	93.98 [3.700]	37	△	3-147723-6
	88.90 [3.500]	91.44 [3.600]	36	△	3-147723-5
	86.34 [3.400]	88.90 [3.500]	35	△	3-147723-4
	83.82 [3.300]	86.34 [3.400]	34	△	3-147723-3
	81.28 [3.200]	83.82 [3.300]	33	△	3-147723-2
	78.74 [3.100]	81.28 [3.200]	32	△	3-147723-1
	76.20 [3.000]	78.74 [3.100]	31	△	3-147723-0
	73.66 [2.900]	76.20 [3.000]	30	△	2-147723-9
	71.12 [2.800]	73.66 [2.900]	29	△	2-147723-8
88mm	68.58 [2.700]	71.12 [2.800]	28	△	2-147723-7
	66.04 [2.600]	68.58 [2.700]	27	△	2-147723-6
	63.5 [2.500]	66.04 [2.600]	26	△	2-147723-5
	60.96 [2.400]	63.5 [2.500]	25	△	2-147723-4
	58.42 [2.300]	60.96 [2.400]	24	△	2-147723-3
	55.88 [2.200]	58.42 [2.300]	23	△	2-147723-2
	53.34 [2.100]	55.88 [2.200]	22	△	2-147723-1
	50.8 [2.000]	53.34 [2.100]	21	△	2-147723-0
	48.26 [1.900]	50.8 [2.000]	20	△	1-147723-9
	45.72 [1.800]	48.26 [1.900]	19	△	1-147723-8
	43.18 [1.700]	45.72 [1.800]	18	△	1-147723-7
	40.64 [1.600]	43.18 [1.700]	17	△	1-147723-6
72mm	38.1 [1.500]	40.64 [1.600]	16	△	1-147723-5
	35.56 [1.400]	38.1 [1.500]	15	△	1-147723-4
	33.02 [1.300]	35.56 [1.400]	14	△	1-147723-3
	30.48 [1.200]	33.02 [1.300]	13	△	1-147723-2
	27.94 [1.100]	30.48 [1.200]	12	△	1-147723-1
	25.4 [1.000]	27.94 [1.100]	11	△	1-147723-0
	22.86 [0.900]	25.4 [1.000]	10	△	147723-9
	20.32 [0.800]	22.86 [0.900]	9	△	147723-8
	17.78 [0.700]	20.32 [0.800]	8	△	147723-7
	15.24 [0.600]	17.78 [0.700]	7	△	147723-6
	12.7 [0.500]	15.24 [0.600]	6	△	147723-5
	10.16 [0.400]	12.7 [0.500]	5	△	147723-4
44mm	7.62 [0.300]	10.16 [0.400]	4	△	147723-3
	5.08 [0.200]	7.62 [0.300]	3	△	147723-2
	2.54 [0.100]	5.08 [0.200]	2	△	147723-1
	9 OBSOLETE				
EIA TAPE WIDTH	B	A	NO OF POSN	FINISH	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT. DIN R BROWN 19JAN01
CHK J OLSON 19JAN01

tyco Electronics Tyco Electronics Corporation
 Harrisburg, Pa 17105-3608

DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APPROV J OLSON 19JAN01	NAME
0 PLC ± -	1 PLC ± -	PRODUCT SPEC	RECT. ASSY., MOD IV, SINGLE ROW, .100 CL, SURFACE MOUNT, VERTICAL, DUAL ENTRY CLOSED ENTRY
2 PLC ± -	3 PLC ± .005	APPLICATION SPEC	108-25026
4 PLC ± -	ANGLES ± -	SIZE	114-25018
MATERIAL	FINISH	WEIGHT	114-25018
1	2 12	SCALE	6:1
CUSTOMER DRAWING		SHEET	1 OF 2
		REV	J1

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LOC		DIST		REVISIONS				
P	LTR	DESCRIPTION	DATE	DNW	APVD			
-	-	SEE SHEET 1	-	-	-			

120mm	88mm	72mm					
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5.08 [.200]	7.62 [.300]	3	△	△	5-147723-2		
2.54 [.100]	5.08 [.200]	2	△	△	5-147723-1		
EIA TAPE WIDTH	B	A	NO OF POSN	FINISH	PART NUMBER		

△ OBSOLETE

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TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME: RECEPT. ASSY., MOD IV, SINGLE ROW, .100 CL, SURFACE MOUNT, VERTICAL, DUAL ENTRY CLOSED ENTRY		
0 PLC ± -	1 PLC ± -	PRODUCT SPEC 108-25026		
2 PLC ± -	3 PLC ± .005	APPLICATION SPEC 114-25018		
4 PLC ± -	ANGLES ± -	SIZE A1	CAGE CODE 00779	DRAWING NO. 147723
MATERIAL	FINISH	WEIGHT	SCALE 5:1	SHEET 2 OF 2
CUSTOMER DRAWING		REV J1		