



RECOMMENDED PC BOARD PAD PATTERN  
 0.20 [.008] THICK STENCIL

△	99.06	[3.900]	101.6	[4.000]	40	3-147738-9
△	96.52	[3.800]	99.06	[3.900]	39	3-147738-8
△	93.98	[3.700]	96.52	[3.800]	38	3-147738-7
△	91.44	[3.600]	93.98	[3.700]	37	3-147738-6
△	88.90	[3.500]	91.44	[3.600]	36	3-147738-5
△	86.34	[3.400]	88.90	[3.500]	35	3-147738-4
△	83.82	[3.300]	86.34	[3.400]	34	3-147738-3
△	81.28	[3.200]	83.82	[3.300]	33	3-147738-2
△	78.74	[3.100]	81.28	[3.200]	32	3-147738-1
△	76.20	[3.000]	78.74	[3.100]	31	3-147738-0
△	73.66	[2.900]	76.20	[3.000]	30	2-147738-9
△	71.12	[2.800]	73.66	[2.900]	29	2-147738-8
△	68.58	[2.700]	71.12	[2.800]	28	2-147738-7
△	66.04	[2.600]	68.58	[2.700]	27	2-147738-6
△	63.5	[2.500]	66.04	[2.600]	26	2-147738-5
△	60.96	[2.400]	63.5	[2.500]	25	2-147738-4
△	58.42	[2.300]	60.96	[2.400]	24	2-147738-3
△	55.88	[2.200]	58.42	[2.300]	23	2-147738-2
△	53.34	[2.100]	55.88	[2.200]	22	2-147738-1
△	50.8	[2.000]	53.34	[2.100]	21	2-147738-0
△	48.26	[1.900]	50.8	[2.000]	20	1-147738-9
△	45.72	[1.800]	48.26	[1.900]	19	1-147738-8
△	43.18	[1.700]	45.72	[1.800]	18	1-147738-7
△	40.64	[1.600]	43.18	[1.700]	17	1-147738-6
△	38.1	[1.500]	40.64	[1.600]	16	1-147738-5
△	35.56	[1.400]	38.1	[1.500]	15	1-147738-4
△	33.02	[1.300]	35.56	[1.400]	14	1-147738-3
△	30.48	[1.200]	33.02	[1.300]	13	1-147738-2
△	27.94	[1.100]	30.48	[1.200]	12	1-147738-1
△	25.4	[1.000]	27.94	[1.100]	11	1-147738-0
△	22.86	[.900]	25.4	[1.000]	10	147738-9
△	20.32	[.800]	22.86	[.900]	9	147738-8
△	17.78	[.700]	20.32	[.800]	8	147738-7
△	15.24	[.600]	17.78	[.700]	7	147738-6
△	12.7	[.500]	15.24	[.600]	6	147738-5
△	10.16	[.400]	12.7	[.500]	5	147738-4
△	7.62	[.300]	10.16	[.400]	4	147738-3
△	5.08	[.200]	7.62	[.300]	3	147738-2
△	2.54	[.100]	5.08	[.200]	2	147738-1

- △1 HOUSING: GLASS FILLED, FLAME RETARDANT POLYESTER, BLACK CONTACTS: PHOSPHOR BRONZE. VACUUM COVER: STAINLESS STEEL
- △2 CONTACTS: DUPLEX PLATED: 0.76µm [.000030] GOLD IN CONTACT AREA 3.81-7.62µm [.000150-.000300] BRIGHT TIN-LEAD ON LEADS, ALL OVER 1.27µm [.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 [.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

△11 △9 **OBSOLETE**

FINISH	B	A	NO OF POSN	PART NUMBER
THIS DRAWING IS A CONTROLLED DOCUMENT.				
DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DWN R BROWN 19JAN01 CHK J OLSON 19JAN01 APVD J OLSON 19JAN01 PRODUCT SPEC 108-25026 APPLICATION SPEC 114-25018 MATERIAL △ FINISH △△		
0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± .005 4 PLC ± - ANGLES ± -		Tyco Electronics Corporation Harrisburg, Pa 17105-3608 RECT. ASSY., MOD IV, SINGLE ROW, .100 CL, SURFACE MOUNT, VERTICAL, DUAL ENTRY CLOSED ENTRY SIZE CAGE CODE DRAWING NO RESTRICTED TO A1 00779 147738 CUSTOMER DRAWING SCALE 6:1 SHEET 1 OF 2 REV H1		

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LOC		DIST		REVISIONS			
AD	00	REV	DATE	DESCRIPTION	DATE	BY	APPROV
-	-	-	-	SEE SHEET 1	-	-	-

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△	2.54	[.100]	5.08	[.200]	2	△	5-147738-1

11 9 OBSOLETE

FINISH	B	A	NO OF POSN	PART NUMBER
THIS DRAWING IS A CONTROLLED DOCUMENT.				
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		
0 PL ± -		1 PL ± -		
1 PL ± -		2 PL ± -		
2 PL ± -		3 PL ± .005		
3 PL ± -		4 PL ± -		
4 PL ± -		ANGLES ± -		
MATERIAL		FINISH		
△		△		
DIN R BROWN 19JAN01		CHK J OLSON 19JAN01		APPROV J OLSON 19JAN01
PRODUCT SPEC 108-25026		APPLICATION SPEC 114-25018		SIZE A1
CUSTOMER DRAWING		SCALE 6:1		SHEET 2 OF 2
RECT. ASSY., MOD IV, SINGLE ROW, .100 CL, SURFACE MOUNT, VERTICAL, DUAL ENTRY CLOSED ENTRY		DRAWING NO. 147738		RESTRICTED TO
TYCO Electronics Tyco Electronics Corporation Harrisburg, Pa 17105-3608		DRAWING NO. 147738		REV H1