

4

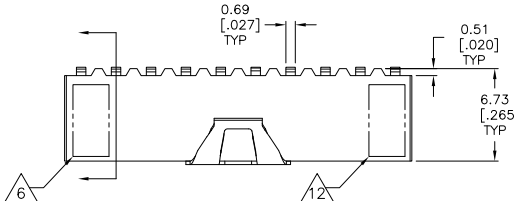
3

2

1

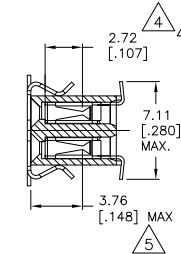
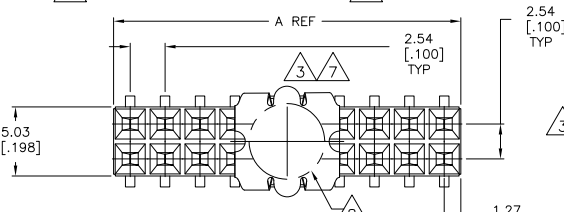
THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION. ALL RIGHTS RESERVED.  
 BY TYCO ELECTRONICS CORPORATION.

LOC	DIST	REVISIONS				
AD	00	F	LN	DATE	BY	APPD
		F3		REVISED PER ECO-10-020016	040CT10	HMR JO

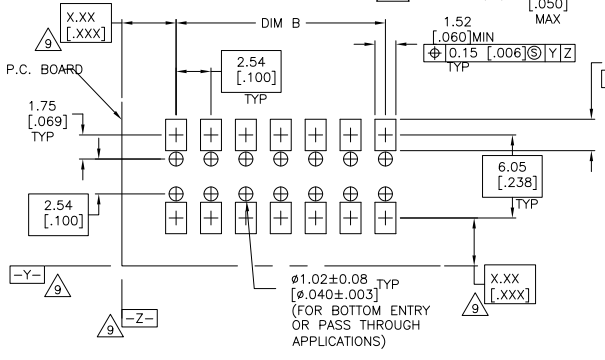


- 13 NO PART NUMBER REQUIRED ON THIS PART.
- 14 CONTACTS: 0.76µm [0.00030] MIN GOLD ON CONTACT AREA ONLY, 3.81-7.62µm [0.00150-0.00300] MATTE TIN ON SOLDER TINES, ALL OVER 1.27µm [0.00050] MIN NICKEL.
- 15 ROHS 2002/95/EC COMPLIANT
- 16 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

SEE SHEET 2 FOR P/N'S -51 THRU -90



FINISH	B	A	NO OF POSN	PART NUMBER
16			80	4-147741-0
16			78	3-147741-9
16			76	3-147741-8
16			74	3-147741-7
16			72	3-147741-6
16			70	3-147741-5
16			68	3-147741-4
16			66	3-147741-3
16			64	3-147741-2
16			62	3-147741-1
16			60	3-147741-0
16			58	2-147741-9
16			56	2-147741-8
16			54	2-147741-7
16			52	2-147741-6
16			50	2-147741-5
16			48	2-147741-4
16			46	2-147741-3
16			44	2-147741-2
16			42	2-147741-1
16			40	2-147741-0
16			38	1-147741-9
16			36	1-147741-8
16			34	1-147741-7
16			32	1-147741-6
16			30	1-147741-5
16			28	1-147741-4
16			26	1-147741-3
16			24	1-147741-2
16			22	1-147741-1
16			20	1-147741-0
16			18	147741-9
16			16	147741-8
16			14	147741-7
16			12	147741-6
16			10	147741-5
16			8	147741-4
16			6	147741-3
16			4	147741-2
16			2	147741-1



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

- 1 HOUSING: GLASS FILLED, FLAME RETARDANT POLYESTER, BLACK CONTACTS: PHOSPHOR BRONZE. VACUUM COVER: STAINLESS STEEL.
- 2 CONTACTS: 0.76µm [0.00030] MIN GOLD ON CONTACT AREA ONLY, 3.81-7.62µm [0.00150-0.00300] BRIGHT TIN-LEAD ON SOLDER TINES, ALL OVER 1.27µm [0.00050] MIN NICKEL.
- 3 DIMENSION APPLIES TO HOUSING CAVITY CENTERLINES ONLY.
- 4 POINT OF MEASUREMENT FOR PLATING THICKNESS.
- 5 POINT OF CONTACT DIMENSION.
- 6 THE PART NUMBER AND DATE CODE ARE MARKED IN APPROXIMATE LOCATION SHOWN.
- 7 TOLERANCE IS NON-CUMULATIVE.
- 8 5.5 [2.17] MIN TARGET AREA FOR VACUUM PICK-UP COVERS TO BE REMOVED AFTER SOLDERING.
- 9 DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
- 10 PACKAGED IN TUBES
- 11 FOR 2 POS, DATE CODE IS STAMPED OPPOSITE SIDE OF TE LOGO.
- 12 TE TRADEMARK AND CSA LOGO ARE MOLDED INTO HOUSING.

- 16 SUPERCEDED BY 5-147741-8
- 16 SUPERCEDED BY 5-147741-7
- 16 SUPERCEDED BY 5-147741-6

THIS DRAWING IS A CONTROLLED DOCUMENT.

DESIGNER: M. GILNER	DATE: 20MAY02	Tyco Electronics Corporation Harrisburg, Pa 17105-3608
CHK: J. OLSON	DATE: 20MAY02	
DRAWN: J. OLSON	DATE: 20MAY02	RCPT ASSY, MOD IV, DOUBLE ROW, VERTICAL, DUAL ENTRY, .100X.100 C/L, SURFACE MOUNT, AMPMODU
PRODUCT SPEC: 108-25022	APPLICATION SPEC: 114-25018	
MATERIAL: SEE TABLE	FINISH: SEE TABLE	RESTRICTED TO: F3

SCALE: 5:1 SHEET 1 OF 2 REV: F3

4



3


























2

1

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION  
 © COPYRIGHT BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

LOC	DIST	REVISIONS			
F	LNK	DESCRIPTION	DATE	BY	APPD
-	-	SEE SHEET 1	-	-	-

OBSOLETE	99.06[3.900]	101.60[4.000]	80	9-147741-0
	96.52[3.800]	99.06[3.900]	78	8-147741-9
OBSOLETE	93.98[3.700]	96.52[3.800]	76	<del>8-147741-8</del>
	91.44[3.600]	93.98[3.700]	74	<del>8-147741-7</del>
	88.90[3.500]	91.44[3.600]	72	8-147741-6
	86.36[3.400]	88.90[3.500]	70	8-147741-5
	83.82[3.300]	86.36[3.400]	68	8-147741-4
	81.28[3.200]	83.82[3.300]	66	8-147741-3
OBSOLETE	78.74[3.100]	81.28[3.200]	64	8-147741-2
	76.20[3.000]	78.74[3.100]	62	8-147741-1
	73.66[2.900]	76.20[3.000]	60	8-147741-0
	71.12[2.800]	73.66[2.900]	58	<del>7-147741-8</del>
	68.58[2.700]	71.12[2.800]	56	7-147741-8
	66.04[2.600]	68.58[2.700]	54	7-147741-7
	63.50[2.500]	66.04[2.600]	52	7-147741-6
	60.96[2.400]	63.50[2.500]	50	7-147741-5
	58.42[2.300]	60.96[2.400]	48	7-147741-4
	55.88[2.200]	58.42[2.300]	46	7-147741-3
	53.34[2.100]	55.88[2.200]	44	7-147741-2
	50.80[2.000]	53.34[2.100]	42	7-147741-1
	48.26[1.900]	50.80[2.000]	40	7-147741-0
	45.72[1.800]	48.26[1.900]	38	6-147741-9
	43.18[1.700]	45.72[1.800]	36	6-147741-8
	40.64[1.600]	43.18[1.700]	34	6-147741-7
	38.10[1.500]	40.64[1.600]	32	6-147741-6
	35.56[1.400]	38.10[1.500]	30	6-147741-5
	33.02[1.300]	35.56[1.400]	28	6-147741-4
	30.48[1.200]	33.02[1.300]	26	6-147741-3
	27.94[1.100]	30.48[1.200]	24	6-147741-2
	25.40[1.000]	27.94[1.100]	22	6-147741-1
	22.86[.900]	25.40[1.000]	20	6-147741-0
	20.32[.800]	22.86[.900]	18	5-147741-9
	17.78[.700]	20.32[.800]	16	5-147741-8
	15.24[.600]	17.78[.700]	14	5-147741-7
	12.70[.500]	15.24[.600]	12	5-147741-6
	10.16[.400]	12.70[.500]	10	5-147741-5
	7.62[.300]	10.16[.400]	8	5-147741-4
	5.08[.200]	7.62[.300]	6	5-147741-3
	2.54[.100]	5.08[.200]	4	5-147741-2
	-	2.54[.100]	2	5-147741-1
FINISH	B	A	NO OF POSN	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT. DW: M. GINNER 20MAY02  
 CK: J. OLSON 20MAY02  
 J. OLSON 20MAY02  
 J. OLSON 20MAY02

TYCO Electronics  
 Tyco Electronics Corporation  
 Harrisburg, Pa 17105-3608

DIMENSIONS: mm [INCHES]  
 TOLERANCES UNLESS OTHERWISE SPECIFIED:  
 0 PL. ± .015  
 1 PL. ± .015  
 2 PL. ± .015  
 3 PL. ± .015  
 4 PL. ± .015  
 ANGLES ± .015

RCPT ASSY, MOD IV, DOUBLE ROW,  
 VERTICAL, DUAL ENTRY, .100X.100 C/L,  
 SURFACE MOUNT, AMPMODU

108-25022  
 APPLICATION SPEC  
 114-25018  
 WEIGHT -

SIZE ONE CODE DRAWING NO: A2 00779 ©=147741  
 RESTRICTED TO: -

CUSTOMER DRAWING SCALE: 5:1 SHEET 2 OF 2 REV F3