



RECOMMENDED PC BOARD LAYOUT
0.20[.008] THICK STENCIL

△	53.34	[2.100]	106.68	[4.200]	99.06	[3.900]	109.22	[4.300]	80	4-147101-0
△	50.80	[2.000]	104.14	[4.100]	96.52	[3.800]	106.68	[4.200]	78	3-147101-9
△	50.80	[2.000]	101.60	[4.000]	93.98	[3.700]	104.14	[4.100]	76	3-147101-8
△	48.26	[1.900]	99.06	[3.900]	91.44	[3.600]	101.60	[4.000]	74	3-147101-7
△	48.26	[1.900]	96.52	[3.800]	88.90	[3.500]	99.06	[3.900]	72	3-147101-6
△	45.72	[1.800]	93.98	[3.700]	86.36	[3.400]	96.52	[3.800]	70	3-147101-5
△			88.90	[3.500]	83.82	[3.300]	91.44	[3.600]	68	3-147101-4
△			86.36	[3.400]	81.28	[3.200]	88.90	[3.500]	66	3-147101-3
△			83.82	[3.300]	78.74	[3.100]	86.36	[3.400]	64	3-147101-2
△			81.28	[3.200]	76.20	[3.000]	83.82	[3.300]	62	3-147101-1
△			78.74	[3.100]	73.66	[2.900]	81.28	[3.200]	60	3-147101-0
△			76.20	[3.000]	71.12	[2.800]	78.74	[3.100]	58	2-147101-9
△			73.66	[2.900]	68.58	[2.700]	76.20	[3.000]	56	2-147101-8
△			71.12	[2.800]	66.04	[2.600]	73.66	[2.900]	54	2-147101-7
△			68.58	[2.700]	63.50	[2.500]	71.12	[2.800]	52	2-147101-6
△			66.04	[2.600]	60.96	[2.400]	68.58	[2.700]	50	2-147101-5
△			63.50	[2.500]	58.42	[2.300]	66.04	[2.600]	48	2-147101-4
△			60.96	[2.400]	55.88	[2.200]	63.50	[2.500]	46	2-147101-3
△			58.42	[2.300]	53.34	[2.100]	60.96	[2.400]	44	2-147101-2
△			55.88	[2.200]	50.80	[2.000]	58.42	[2.300]	42	2-147101-1
△			53.34	[2.100]	48.26	[1.900]	55.88	[2.200]	40	2-147101-0
△			50.80	[2.000]	45.72	[1.800]	53.34	[2.100]	38	1-147101-9
△			48.26	[1.900]	43.18	[1.700]	50.80	[2.000]	36	1-147101-8
△			45.72	[1.800]	40.64	[1.600]	48.26	[1.900]	34	1-147101-7
△			43.18	[1.700]	38.10	[1.500]	45.72	[1.800]	32	1-147101-6
△			40.64	[1.600]	35.56	[1.400]	43.18	[1.700]	30	1-147101-5
△			38.10	[1.500]	33.02	[1.300]	40.64	[1.600]	28	1-147101-4
△			35.56	[1.400]	30.48	[1.200]	38.10	[1.500]	26	1-147101-3
△			33.02	[1.300]	27.94	[1.100]	35.56	[1.400]	24	1-147101-2
△			30.48	[1.200]	25.40	[1.000]	33.02	[1.300]	22	1-147101-1
△			27.94	[1.100]	22.86	[.900]	30.48	[1.200]	20	1-147101-0
△			25.40	[1.000]	20.32	[.800]	27.94	[1.100]	18	147101-9
△			22.86	[.900]	17.78	[.700]	25.40	[1.000]	16	147101-8
△			20.32	[.800]	15.24	[.600]	22.86	[.900]	14	147101-7
△			17.78	[.700]	12.70	[.500]	20.32	[.800]	12	147101-6
△			15.24	[.600]	10.16	[.400]	17.78	[.700]	10	147101-5
△			12.70	[.500]	7.62	[.300]	15.24	[.600]	8	147101-4
△			10.16	[.400]	5.08	[.200]	12.70	[.500]	6	147101-3
△			7.62	[.300]	2.54	[.100]	10.16	[.400]	4	147101-2
△			5.08	[.200]			7.62	[.300]	2	147101-1
△	SUPERSEDED									
△	OBSOLETE									
FINISH	D	C	B	A	NO.OF POSN.	PART NUMBER				

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0. PLC ± -
1. PLC ± ±
2. PLC ± ± 0.13[.005]
3. PLC ± ±
4. PLC ± ±
ANGLES ± -

MATERIAL: 1

FINISH: 2 15

APPROVED: J. OLSON

DATE: 06NOV02

NAME: J. OLSON

PRODUCT SPEC: 108-25022

APPLICATION SPEC: 114-25018

WEIGHT: -

CUSTOMER DRAWING

SCALE: 4:1

SHEET 1 OF 2

REV: N6

STE TE Connectivity

RECEPTACLE ASSEMBLY, MOD IV, DOUBLE ROW, DUAL ENTRY, .100X.100CL, SURFACE MOUNT, AMPMODU

SIZE: A1

DRAWING NO: 00779

DRAWING NO: 147101

- 1 HOUSING: FLAME RETARDANT, GLASS FILLED, POLYESTER, COLOR: BLACK.
CONTACT: PHOSPHOR BRONZE
VACUUM COVER: STAINLESS STEEL
- 2 CONTACT: DUPLEX PLATED 0.25µm[.000010] 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 LOCATIONS
- 4 MARK PART NUMBER AND DATE CODE IN APPROXIMATE LOCATION SHOWN, EITHER SIDE.
- 5 TOLERANCE IS NON-CUMULATIVE.
- 6 2 POSITION DATE CODE IS MARKED OPPOSITE SIDE OF TE LOGO.
- 7 POINT OF MEASUREMENT DIMENSION FOR PLATING THICKNESS (INSIDE CONTACT BEAM).
- 8 POINT-OF-CONTACT DIMENSION.
- 9 Ø5.51[.217] MIN TARGET AREA FOR VACUUM PICK UP. COVER TO BE REMOVED AFTER SOLDERING.
- 10 NO CENTER HOLD DOWN.
- 11 PACKAGED IN TUBES.
- 12 HOLES Ø1.125±.025[.0453±.0010] DRILL SIZE [0.03-0.08[.001-.003] COPPER PLATING. 0.007[.003]MIN 60/40 TIN LEAD Ø0.94-1.09[.037-.043] AFTER PLATING, 0.25[.010] ANNULAR RING BOTH SIDES.
- 13 TE TRADEMARK AND CSA LOGO ARE MOLDED INTO HOUSING.
- 14 NO PART NUMBER REQUIRED ON THIS PART.
- 15 CONTACT: DUPLEX PLATED 0.25µm[.000010] GOLD IN CONTACT AREA, 3.81-7.62µm[.000150-.000300] MATTE TIN ON LEADS, ALL OVER 1.27µm[.000050] MINIMUM NICKEL.
- 16 ROHS 2002 /95/EC COMPLIANT.

13	53.34	[2.100]	106.68	[4.200]	99.06	[3.900]	109.22	[4.300]	80	9-147101-0
13	50.80	[2.000]	104.14	[4.100]	96.52	[3.800]	106.68	[4.200]	78	8-147101-9
13	50.80	[2.000]	101.60	[4.000]	93.98	[3.700]	104.14	[4.100]	76	8-147101-8
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13			5.08	[.200]			7.62	[.300]	2	5-147101-1
14	6									

FINISH	D	C	B	A	NO. OF POSN	PART NUMBER
THIS DRAWING IS A CONTROLLED DOCUMENT.		M. BINNER 06NOV02		TE Connectivity		
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		RECEPTACLE ASSEMBLY, MOD IV, DOUBLE ROW, DUAL ENTRY, .100X.100CL, SURFACE MOUNT, AMPMODU		
0 PLC ± - 1 PLC ± ± 2 PLC ± ± 0.13[.005] 3 PLC ± ± 4 PLC ± ± ANGLES ± ±		0 PLC ± ± 1 PLC ± ± 2 PLC ± ± 0.13[.005] 3 PLC ± ± 4 PLC ± ± ANGLES ± ±		PRODUCT SPEC 108-25022 APPLICATION SPEC 114-25018 SIZE CASE CODE DRAWING NO. RESTRICTED TO A1 00779 147101		
MATERIAL 1		FINISH 2 15		WEIGHT - CUSTOMER DRAWING SCALE 1:1 SHEET 2 OF 2 REV N6		