



RECOMMENDED PCB LAYOUT

- 1 HOUSING: FLAME RETARDANT, GLASS FILLED, POLYESTER, COLOR: BLACK.
CONTACT: PHOSPHOR BRONZE
 - 2 CONTACT: DUPLEX PLATED $0.25\mu\text{m}$ [.000010] MIN GOLD IN CONTACT
AREA, $3.81-7.62\mu\text{m}$ [.000150-.000300] BRIGHT TIN-LEAD ON LEADS
ALL OVER $1.27\mu\text{m}$ [.000050] 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 CONNECTIVITY LOGO.
 - 7 POINT-OF-MEASUREMENT DIMENSION FOR PLATING
THICKNESS (INSIDE CONTACT BEAM).
 - 8 POINT-OF-CONTACT DIMENSION.
 - 9 NO PART NUMBER MARKING REQUIRED FOR THIS PART.
 - 10 TE CONNECTIVITY LOGO AND CSA LOGO ARE MOLDED INTO HOUSING.
 - 11 CONTACT: DUPLEX PLATED $0.25\mu\text{m}$ [.000010] MIN GOLD IN CONTACT AREA, $3.81-7.62\mu\text{m}$
[.000150-.000300] MATTE TIN ON LEADS, ALL OVER $1.27\mu\text{m}$ [.000050] MIN. NICKEL.
 - 12 ROHS 2002/95/EC COMPLIANT

OBSOLETE	—2.54 [1.00]	5.08 [2.00]	2	2	6	9	3=146138-9
OBSOLETE	96.52 [3.800]	99.06 [3.900]	39	2			3-146138-8
	93.98 [3.700]	96.52 [3.800]	38	2			3-146138-7
	91.44 [3.600]	93.98 [3.700]	37	2			3-146138-6
	88.90 [3.500]	91.44 [3.600]	36	2			3-146138-5
	86.36 [3.400]	88.90 [3.500]	35	2			3-146138-4
	83.82 [3.300]	86.36 [3.400]	34	2			3-146138-3
	81.28 [3.200]	83.82 [3.300]	33	2			3-146138-2
	78.74 [3.100]	81.28 [3.200]	32	2			3-146138-1
	71.12 [2.800]	73.66 [2.900]	29	2			3-146138-0
	68.58 [2.700]	71.12 [2.800]	28	2			2-146138-9
	66.04 [2.600]	68.58 [2.700]	27	2			2-146138-8
	63.50 [2.500]	66.04 [2.600]	26	2			2-146138-7
	60.96 [2.400]	63.50 [2.500]	25	2			2-146138-6
	58.42 [2.300]	60.96 [2.400]	24	2			2-146138-5
	55.88 [2.200]	58.42 [2.300]	23	2			2-146138-4
	53.34 [2.100]	55.88 [2.200]	22	2			2-146138-3
	50.80 [2.000]	53.34 [2.100]	21	2			2-146138-2
	76.20 [3.000]	78.74 [3.100]	31	2			2-146138-1
	99.06 [3.900]	101.60 [4.000]	40	2			2-146138-0
	73.66 [2.900]	76.20 [3.000]	30	2			1-146138-9
	48.26 [1.900]	50.80 [2.000]	20	2			1-146138-8
	45.72 [1.800]	48.26 [1.900]	19	2			1-146138-7
	43.18 [1.700]	45.72 [1.800]	18	2			1-146138-6
	40.64 [1.600]	43.18 [1.700]	17	2			1-146138-5
	38.10 [1.500]	40.64 [1.600]	16	2			1-146138-4
	35.56 [1.400]	38.10 [1.500]	15	2			1-146138-3
	33.02 [1.300]	35.56 [1.400]	14	2			1-146138-2
	30.48 [1.200]	33.02 [1.300]	13	2			1-146138-1
	27.94 [1.100]	30.48 [1.200]	12	2			1-146138-0
	25.40 [1.000]	27.94 [1.100]	11	2			146138-9
	22.86 [.900]	25.40 [1.000]	10	2			146138-8
	20.32 [.800]	22.86 [.900]	9	2			146138-7
17.78 [.700]	20.32 [.800]	8	2			146138-6	
15.24 [.600]	17.78 [.700]	7	2			146138-5	
12.70 [.500]	15.24 [.600]	6	2			146138-4	
10.16 [.400]	12.70 [.500]	5	2			146138-3	
7.62 [.300]	10.16 [.400]	4	2			146138-2	
5.08 [.200]	7.62 [.300]	3	2			146138-1	

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.BINNER	05NOV02	 TE Connectivity Ltd.						
		CHK J.OLSON	05NOV02							
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME REC ASSY, MOD IV, SR, .100 CL VRT BOARD MOUNT, CLOSED, TE SHORT PNT. OF CONTACT						
		APVD J.OLSON							05NOV02	
		PRODUCT SPEC 108-25022								
		APPLICATION SPEC 114-25018								
MATERIAL		FINISH		SIZE	CAGE CODE	DRAWING NO		RESTRICTED TO		
		 		A2	00779	C-146138		-		
CUSTOMER DRAWING						SCALE	SHEET		REV	
						4:1	1 of 2		M	

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

OBSOLETE		2.54 [.100]	5.08 [.200]	2		8-146138-9
		96.52 [3.800]	99.06 [3.900]	39		8-146138-8
		93.98 [3.700]	96.52 [3.800]	38		8-146138-7
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		78.74 [3.100]	81.28 [3.200]	32		8-146138-1
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		53.34 [2.100]	55.88 [2.200]	22		7-146138-3
		50.80 [2.000]	53.34 [2.100]	21		7-146138-2
		76.20 [3.000]	78.74 [3.100]	31		7-146138-1
		99.06 [3.900]	101.60 [4.000]	40		7-146138-0
		73.66 [2.900]	76.20 [3.000]	30		6-146138-9
		48.26 [1.900]	50.80 [2.000]	20		6-146138-8
		45.72 [1.800]	48.26 [1.900]	19		6-146138-7
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		27.94 [1.100]	30.48 [1.200]	12		6-146138-0
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		12.70 [.500]	15.24 [.600]	6		5-146138-4
		10.16 [.400]	12.70 [.500]	5		5-146138-3
		7.62 [.300]	10.16 [.400]	4		5-146138-2
		5.08 [.200]	7.62 [.300]	3		5-146138-1

FINISH	B	A	NO OF POSN	PART NUMBER
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DIMENSIONS: mm [INCHES]		CHK J.OLSON 05NOV02			
	TOLERANCES, UNLESS OTHERWISE SPECIFIED:	APVD J.OLSON 05NOV02	NAME REC ASSY, MOD IV, SR, .100 CL VRT BOARD MOUNT, CLOSED, TE SHORT PNT. OF CONTACT		
	0 PLC ± - 1 PLC ± - 2 PLC ± 0.25[.010] 3 PLC ± 0.13[.005] 4 PLC ± - ANGLES ± -	PRODUCT SPEC 108-25022 APPLICATION SPEC 114-25018			
	MATERIAL 	FINISH 	SIZE A2	CAGE CODE 00779	DRAWING NO C=146138
CUSTOMER DRAWING			RESTRICTED TO -	SCALE 4:1	SHEET 2 OF 2
			REV M		