

4

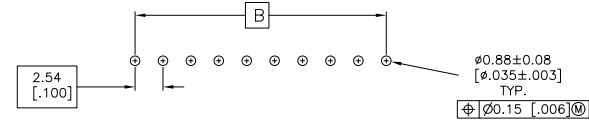
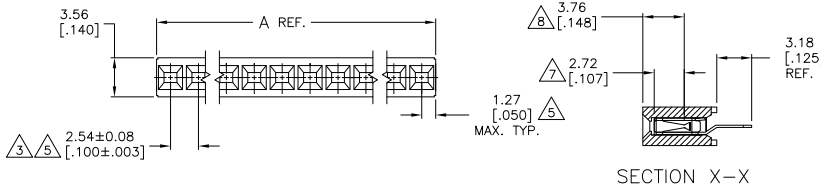
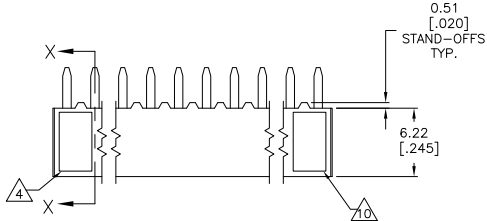
3

2

1

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LOC		DIST		REVISIONS			
F	LTR	DESCRIPTION	DATE	BY	APPD		
L3		REVISED PER ECO-11-005027	11MAR11	RK	HMR		



RECOMMENDED PCB LAYOUT

- 1 HOUSING: FLAME RETARDANT, GLASS FILLED, POLYESTER, COLOR: BLACK. CONTACT: PHOSPHOR BRONZE
- 2 CONTACT: DUPLEX PLATED 0.25μm[.000010] MIN GOLD IN CONTACT AREA, 3.81-7.62μm[.000150-.000300] BRIGHT TIN-LEAD ON LEADS ALL OVER 1.27μm[.000050] NICKEL
- 3 THESE DIMENSIONS PERTAIN TO CAVITY CENTERLINES ONLY - NOT TO CONTACT LOCATIONS
- 4 PART NUMBER AND DATE CODE ARE MARKED IN APPROXIMATE LOCATION SHOWN.
- 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 0.25μm[.000010] MIN GOLD IN CONTACT AREA, 3.81-7.62μm [0.000150-.000300] MATTE TIN ON LEADS, ALL OVER 1.27μm[.000050] MIN. NICKEL.
- 12 ROHS 2002/95/EC COMPLIANT
- 13 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

2.54	[.100]	5.08	[.200]	2	△	△	△	3-146138-9
96.52	[3.800]	99.06	[3.900]	39	△	△	△	3-146138-8
93.98	[3.700]	96.52	[3.800]	38	△	△	△	3-146138-7
91.44	[3.600]	93.98	[3.700]	37	△	△	△	3-146138-6
88.90	[3.500]	91.44	[3.600]	36	△	△	△	3-146138-5
86.36	[3.400]	88.90	[3.500]	35	△	△	△	3-146138-4
83.82	[3.300]	86.36	[3.400]	34	△	△	△	3-146138-3
81.28	[3.200]	83.82	[3.300]	33	△	△	△	3-146138-2
78.74	[3.100]	81.28	[3.200]	32	△	△	△	3-146138-1
71.12	[2.800]	73.66	[2.900]	29	△	△	△	3-146138-0
68.58	[2.700]	71.12	[2.800]	28	△	△	△	2-146138-9
66.04	[2.600]	68.58	[2.700]	27	△	△	△	2-146138-8
63.50	[2.500]	66.04	[2.600]	26	△	△	△	2-146138-7
60.96	[2.400]	63.50	[2.500]	25	△	△	△	2-146138-6
58.42	[2.300]	60.96	[2.400]	24	△	△	△	2-146138-5
55.88	[2.200]	58.42	[2.300]	23	△	△	△	2-146138-4
53.34	[2.100]	55.88	[2.200]	22	△	△	△	2-146138-3
50.80	[2.000]	53.34	[2.100]	21	△	△	△	2-146138-2
76.20	[3.000]	78.74	[3.100]	31	△	△	△	2-146138-1
99.06	[3.900]	01.60	[4.000]	40	△	△	△	2-146138-0
73.66	[2.900]	76.20	[3.000]	30	△	△	△	1-146138-9
48.26	[1.900]	50.80	[2.000]	20	△	△	△	1-146138-8
45.72	[1.800]	48.26	[1.900]	19	△	△	△	1-146138-7
43.18	[1.700]	45.72	[1.800]	18	△	△	△	1-146138-6
40.64	[1.600]	43.18	[1.700]	17	△	△	△	1-146138-5
38.10	[1.500]	40.64	[1.600]	16	△	△	△	1-146138-4
35.56	[1.400]	38.10	[1.500]	15	△	△	△	1-146138-3
33.02	[1.300]	35.56	[1.400]	14	△	△	△	1-146138-2
30.48	[1.200]	33.02	[1.300]	13	△	△	△	1-146138-1
27.94	[1.100]	30.48	[1.200]	12	△	△	△	1-146138-0
25.40	[1.000]	27.94	[1.100]	11	△	△	△	146138-9
22.86	[.900]	25.40	[1.000]	10	△	△	△	146138-8
20.32	[.800]	22.86	[.900]	9	△	△	△	146138-7
17.78	[.700]	20.32	[.800]	8	△	△	△	146138-6
15.24	[.600]	17.78	[.700]	7	△	△	△	146138-5
12.70	[.500]	15.24	[.600]	6	△	△	△	146138-4
10.16	[.400]	12.70	[.500]	5	△	△	△	146138-3
7.62	[.300]	10.16	[.400]	4	△	△	△	146138-2
5.08	[.200]	7.62	[.300]	3	△	△	△	146138-1

THIS DRAWING IS A CONTROLLED DOCUMENT. DIM: M. BILNER G040V02  
CHK: J. OLSON G040V02  
APP: J. OLSON G040V02  
PRODUCT SPEC: 108-25022  
APPLICATION SPEC: 114-25018  
MATERIAL: PHOSPHOR BRONZE  
FINISH: 2, 11

RECPT. ASSY., MOD IV, SINGLE ROW, .100 CL., VERTICAL BOARD MOUNT, CLOSED, TOP ENTRY, SHORT PNT. OF CONTACT

TE Connectivity

SIZE: A2 CASE CODE: 00779 DRAWING NO: 146138 RESTRICTED TO: -  
CUSTOMER DRAWING SCALE: 4:1 SHEET: 1 of 2 REV: L3

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1

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LOC	DIST	REVISIONS					
AD	00	F	LNK	DESCRIPTION	DATE	OWN	APPD
-	-	-	-	SEE SHEET 1	-	-	-

△	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
△	91.44	[3.600]	93.98	[3.700]	37	△	△	△	8-146138-6
△	88.90	[3.500]	91.44	[3.600]	36	△	△	△	8-146138-5
△	86.36	[3.400]	88.90	[3.500]	35	△	△	△	8-146138-4
△	83.82	[3.300]	86.36	[3.400]	34	△	△	△	8-146138-3
△	81.28	[3.200]	83.82	[3.300]	33	△	△	△	8-146138-2
△	78.74	[3.100]	81.28	[3.200]	32	△	△	△	8-146138-1
△	71.12	[2.800]	73.66	[2.900]	29	△	△	△	8-146138-0
△	68.58	[2.700]	71.12	[2.800]	28	△	△	△	7-146138-9
△	66.04	[2.600]	68.58	[2.700]	27	△	△	△	7-146138-8
△	63.50	[2.500]	66.04	[2.600]	26	△	△	△	7-146138-7
△	60.96	[2.400]	63.50	[2.500]	25	△	△	△	7-146138-6
△	58.42	[2.300]	60.96	[2.400]	24	△	△	△	7-146138-5
△	55.88	[2.200]	58.42	[2.300]	23	△	△	△	7-146138-4
△	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
△	43.18	[1.700]	45.72	[1.800]	18	△	△	△	6-146138-6
△	40.64	[1.600]	43.18	[1.700]	17	△	△	△	6-146138-5
△	38.10	[1.500]	40.64	[1.600]	16	△	△	△	6-146138-4
△	35.56	[1.400]	38.10	[1.500]	15	△	△	△	6-146138-3
△	33.02	[1.300]	35.56	[1.400]	14	△	△	△	6-146138-2
△	30.48	[1.200]	33.02	[1.300]	13	△	△	△	6-146138-1
△	27.94	[1.100]	30.48	[1.200]	12	△	△	△	6-146138-0
△	25.40	[1.000]	27.94	[1.100]	11	△	△	△	5-146138-9
△	22.86	[.900]	25.40	[1.000]	10	△	△	△	5-146138-8
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△	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
THIS DRAWING IS A CONTROLLED DOCUMENT.		DRN	M. BINNER	09NOV02
DIMENSIONS:		CHK	J. OLSON	09NOV02
mm [INCHES]		APPD	J. OLSON	09NOV02
TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME		
0 PLG	±	RECPT.ASSY, MOD IV, SINGLE ROW, .100CL, VERTICAL BOARD MOUNT, CLOSED, TOP ENTRY, SHORT PNT. OF CONTACT		
1 PLG	±	PRODUCT SPEC		
2 PLG	± 0.25(010)	108-25022		
3 PLG	± 0.13(005)	APPLICATION SPEC		
4 PLG	±	114-25018		
ANGLES	±	SIZE	CAGE CODE	DRAWING NO
		A2	00779	C=146138
MATERIAL	FINISH	WEIGHT	RESTRICTED TO	
△	△	-	-	-
CUSTOMER DRAWING		SCALE	4:1	SHEET 2 of 2 REV L3