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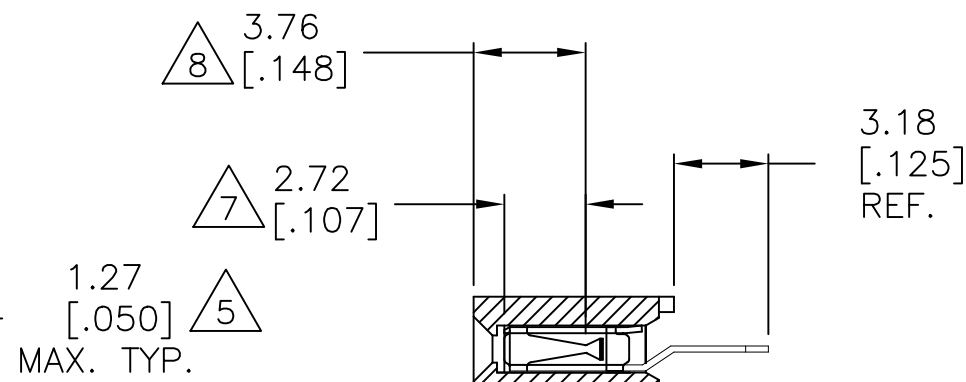
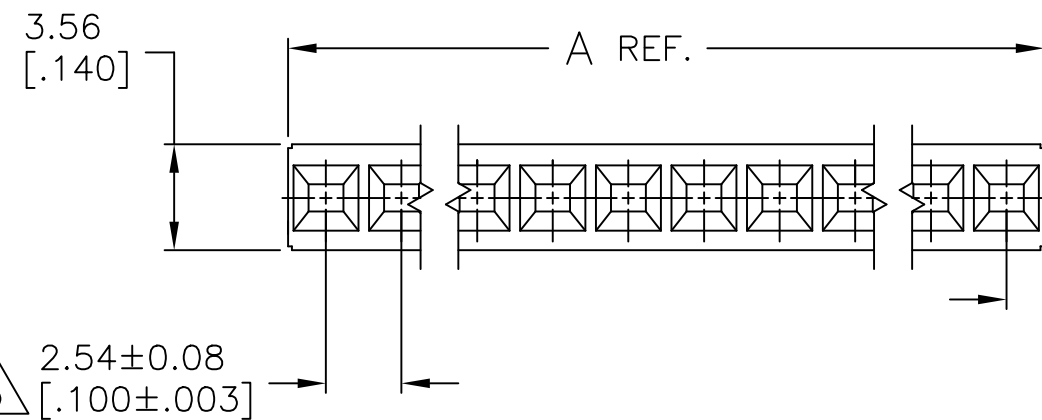
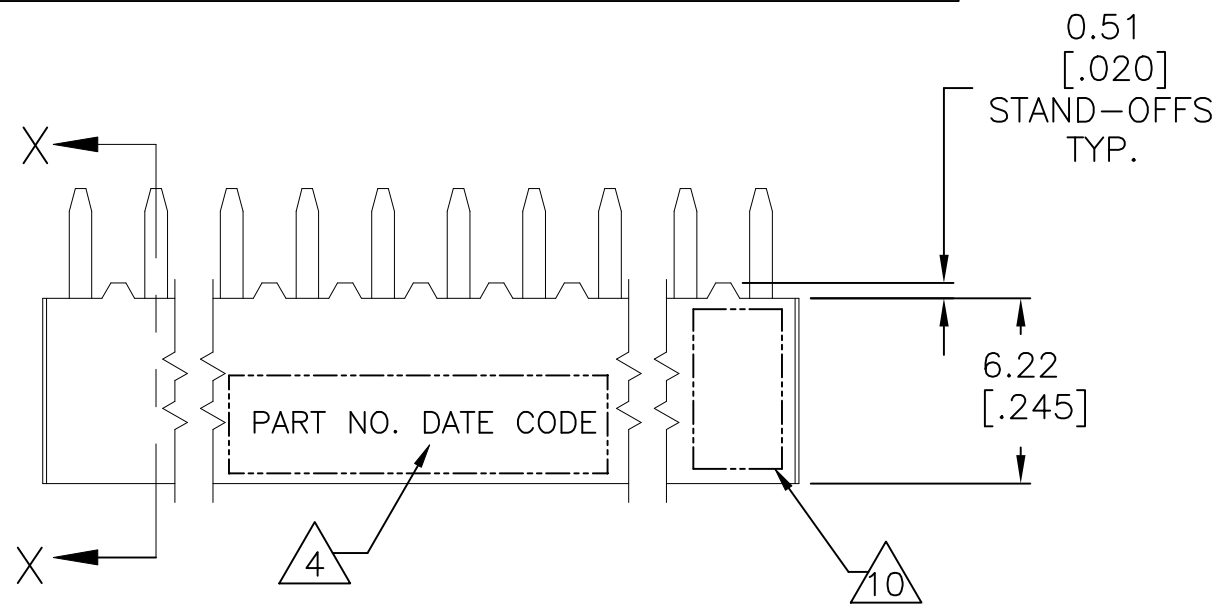
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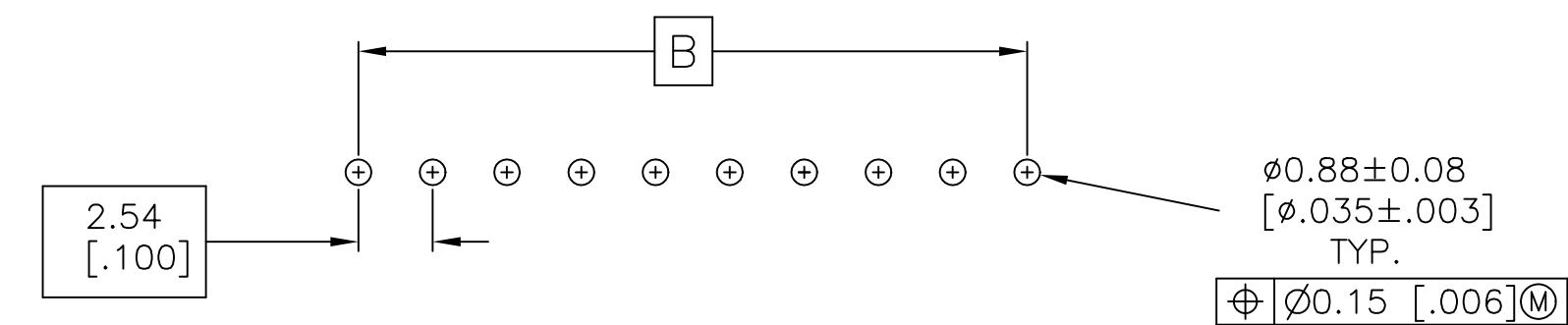
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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	L6	ECR-16-016231	12JAN2018	SD	PS



SECTION X-X



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 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 0.25μm[.000010] MIN GOLD IN CONTACT AREA, 3.81-7.62μm
[.000150-.000300] MATTE TIN ON LEADS, ALL OVER 1.27μm[.000050] MIN. NICKEL.
- 12 ROHS 2002/95/EC COMPLIANT

OBSOLETE	2.54 [.100]	5.08 [.200]	2	2	6	9	3-146138-9
	96.52 [3.800]	99.06 [3.900]	39	2	2	2	3-146138-8
	93.98 [3.700]	96.52 [3.800]	38	2	2	2	3-146138-7
	91.44 [3.600]	93.98 [3.700]	37	2	2	2	3-146138-6
	88.90 [3.500]	91.44 [3.600]	36	2	2	2	3-146138-5
	86.36 [3.400]	88.90 [3.500]	35	2	2	2	3-146138-4
	83.82 [3.300]	86.36 [3.400]	34	2	2	2	3-146138-3
	81.28 [3.200]	83.82 [3.300]	33	2	2	2	3-146138-2
	78.74 [3.100]	81.28 [3.200]	32	2	2	2	3-146138-1
	71.12 [2.800]	73.66 [2.900]	29	2	2	2	3-146138-0
	68.58 [2.700]	71.12 [2.800]	28	2	2	2	2-146138-9
	66.04 [2.600]	68.58 [2.700]	27	2	2	2	2-146138-8
	63.50 [2.500]	66.04 [2.600]	26	2	2	2	2-146138-7
	60.96 [2.400]	63.50 [2.500]	25	2	2	2	2-146138-6
	58.42 [2.300]	60.96 [2.400]	24	2	2	2	2-146138-5
	55.88 [2.200]	58.42 [2.300]	23	2	2	2	2-146138-4
	53.34 [2.100]	55.88 [2.200]	22	2	2	2	2-146138-3
OBSOLETE	50.80 [2.000]	53.34 [2.100]	21	2	2	2	2-146138-2
	76.20 [3.000]	78.74 [3.100]	31	2	2	2	2-146138-1
	99.06 [3.900]	101.60 [4.000]	40	2	2	2	2-146138-0
	73.66 [2.900]	76.20 [3.000]	30	2	2	2	1-146138-9
	48.26 [1.900]	50.80 [2.000]	20	2	2	2	1-146138-8
	45.72 [1.800]	48.26 [1.900]	19	2	2	2	1-146138-7
	43.18 [1.700]	45.72 [1.800]	18	2	2	2	1-146138-6
	40.64 [1.600]	43.18 [1.700]	17	2	2	2	1-146138-5
	38.10 [1.500]	40.64 [1.600]	16	2	2	2	1-146138-4
	35.56 [1.400]	38.10 [1.500]	15	2	2	2	1-146138-3
	33.02 [1.300]	35.56 [1.400]	14	2	2	2	1-146138-2
	30.48 [1.200]	33.02 [1.300]	13	2	2	2	1-146138-1
	27.94 [1.100]	30.48 [1.200]	12	2	2	2	1-146138-0
	25.40 [1.000]	27.94 [1.100]	11	2	2	2	146138-9
	22.86 [.900]	25.40 [1.000]	10	2	2	2	146138-8
	20.32 [.800]	22.86 [.900]	9	2	2	2	146138-7
	17.78 [.700]	20.32 [.800]	8	2	2	2	146138-6
	15.24 [.600]	17.78 [.700]	7	2	2	2	146138-5
	12.70 [.500]	15.24 [.600]	6	2	2	2	146138-4
	10.16 [.400]	12.70 [.500]	5	2	2	2	146138-3
	7.62 [.300]	10.16 [.400]	4	2	2	2	146138-2
	5.08 [.200]	7.62 [.300]	3	2	2	2	146138-1

B

A

NO OF
POSN

FINISH

PART
NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.BINNER 05NOV02	TE Connectivity Ltd.	
DIMENSIONS: mm [INCHES]		CHK J.OLSON 05NOV02		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD J.OLSON 05NOV02	NAME	
0 PLC ± -		PRODUCT SPEC	REC ASSY, MOD IV, SR, .100 CL	
1 PLC ± -		108-25022	VRT BOARD MOUNT, CLOSED, TE	
2 PLC ± 0.25[.010]		APPLICATION SPEC	SHORT PNT. OF CONTACT	
3 PLC ± 0.13[.005]		114-25018	SIZE	
4 PLC ± -		WEIGHT	A2 00779	
ANGLES ± -		CUSTOMER DRAWING	C=146138	
FINISH		SCALE 4:1	SHEET 1 OF 2	
1		REV L6		

4

3

2

1

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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
		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
		20.32	[.800]	22.86	[.900]	9		5-146138-7
		17.78	[.700]	20.32	[.800]	8		5-146138-6
		15.24	[.600]	17.78	[.700]	7		5-146138-5
		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	

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.BINNER	05NOV02	TE Connectivity Ltd.							
		CHK J.OLSON	05NOV02								
DIMENSIONS: mm [INCHES]		APVD J.OLSON		05NOV02		NAME					
		PRODUCT SPEC		REC ASSY, MOD IV, SR, .100 CL							
		108-25022		VRT BOARD MOUNT, CLOSED, TE							
		APPLICATION SPEC		SHORT PNT. OF CONTACT							
MATERIAL		114-25018		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO				
		-		A2	00779	C=146138	-				
CUSTOMER DRAWING						SCALE	4:1	SHEET	2 OF 2	REV	L6