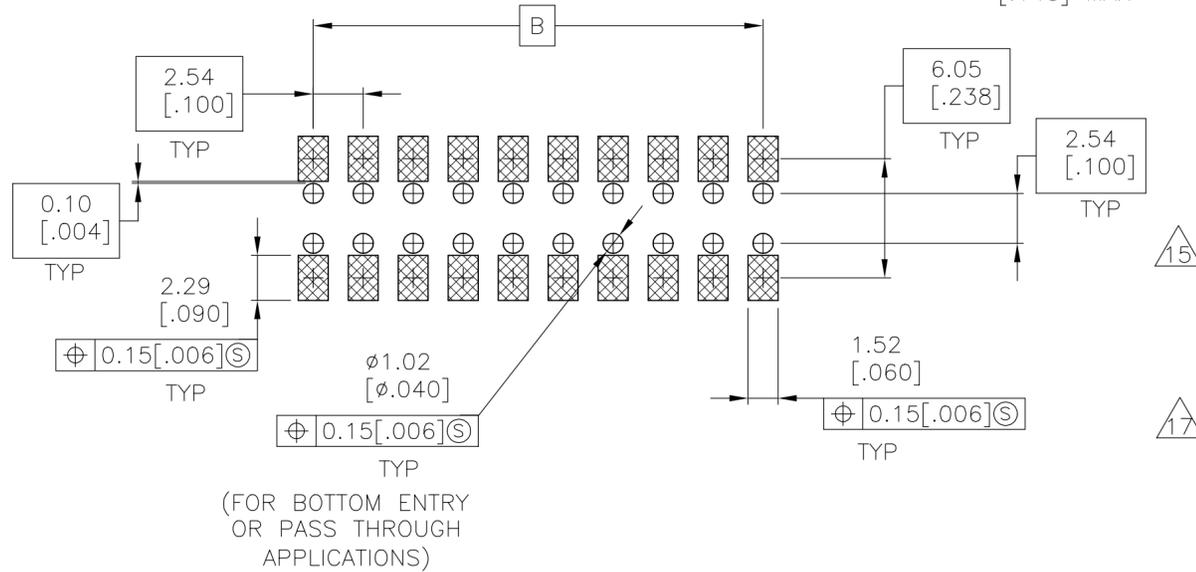
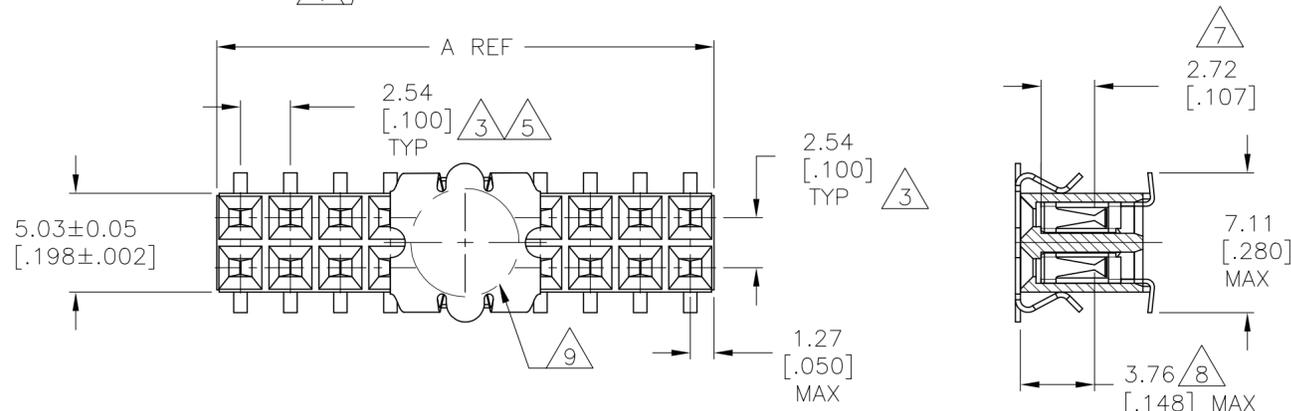
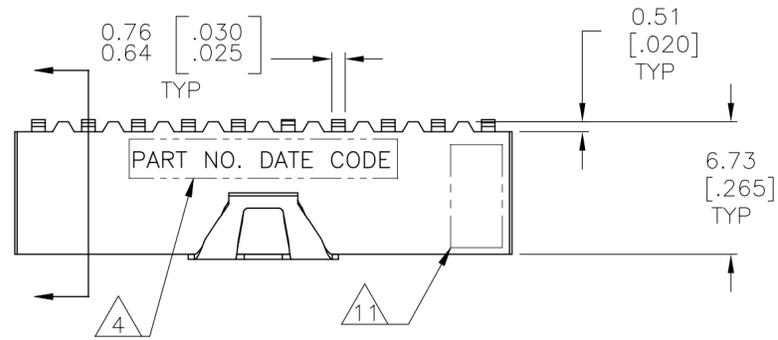


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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	J9	PART STATUS UPATED IN PART LIST TABLE	23JAN2018	SD	PS

FOR PART NUMBERS 5-147104-1 THRU 9-147104-0
SEE SHEET 2



RECOMMENDED PC BOARD LAYOUT
0.20[.008] THICK STENCIL

FINISH	EIA TAPE WIDTH	B	A	NO.OF POSN.	PART NUMBER
				99.06 [3.900]	101.60 [4.000]
				80	4-147104-0
				96.52 [3.800]	99.06 [3.900]
				78	3-147104-9
				93.98 [3.700]	96.52 [3.800]
				76	3-147104-8
				91.44 [3.600]	93.98 [3.700]
				74	3-147104-7
				88.90 [3.500]	91.44 [3.600]
				72	3-147104-6
				86.36 [3.400]	88.90 [3.500]
				70	3-147104-5
				83.82 [3.300]	86.36 [3.400]
				68	3-147104-4
				81.28 [3.200]	83.82 [3.300]
				66	3-147104-3
				78.74 [3.100]	81.28 [3.200]
				64	3-147104-2
				76.20 [3.000]	78.74 [3.100]
				62	3-147104-1
				73.66 [2.900]	76.20 [3.000]
				60	3-147104-0
				71.12 [2.800]	73.66 [2.900]
				58	2-147104-9
				68.58 [2.700]	71.12 [2.800]
				56	2-147104-8
				66.04 [2.600]	68.58 [2.700]
				54	2-147104-7
				63.50 [2.500]	66.04 [2.600]
				52	2-147104-6
				60.96 [2.400]	63.50 [2.500]
				50	2-147104-5
				58.42 [2.300]	60.96 [2.400]
				48	2-147104-4
				55.88 [2.200]	58.42 [2.300]
				46	2-147104-3
				53.34 [2.100]	55.88 [2.200]
				44	2-147104-2
				50.80 [2.000]	53.34 [2.100]
				42	2-147104-1
				48.26 [1.900]	50.80 [2.000]
				40	2-147104-0
				45.72 [1.800]	48.26 [1.900]
				38	1-147104-9
				43.18 [1.700]	45.72 [1.800]
				36	1-147104-8
				40.64 [1.600]	43.18 [1.700]
				34	1-147104-7
				38.10 [1.500]	40.64 [1.600]
				32	1-147104-6
				35.56 [1.400]	38.10 [1.500]
				30	1-147104-5
				33.02 [1.300]	35.56 [1.400]
				28	1-147104-4
				30.48 [1.200]	33.02 [1.300]
				26	1-147104-3
				27.94 [1.100]	30.48 [1.200]
				24	1-147104-2
				25.40 [1.000]	27.94 [1.100]
				22	1-147104-1
				22.86 [0.900]	25.40 [1.000]
				20	1-147104-0
				20.32 [0.800]	22.86 [0.900]
				18	147104-9
				17.78 [0.700]	20.32 [0.800]
				16	147104-8
				15.24 [0.600]	17.78 [0.700]
				14	147104-7
				12.70 [0.500]	15.24 [0.600]
				12	147104-6
				10.16 [0.400]	12.70 [0.500]
				10	147104-5
				7.62 [0.300]	10.16 [0.400]
				8	147104-4
				5.08 [0.200]	7.62 [0.300]
				6	147104-3
				2.54 [0.100]	5.08 [0.200]
				4	147104-2
				2	147104-1

OBSOLETE

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:

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

MATERIAL FINISH: SEE TABLE

APVD: J. OLSON

NAME: J. OLSON

PRODUCT SPEC: 108-25022

APPLICATION SPEC: 114-25018

WEIGHT: -

CUSTOMER DRAWING

SCALE: 4:1

SHEET: 1 of 2

REV: J9

TE Connectivity Ltd.

REC ASSY, MOD IV, DR, DUAL ENTRY, .100X.100CL, SURFACE MOUNT, AMPMODU

SIZE: A2

CAGE CODE: 00779

DRAWING NO: 147104

RESTRICTED TO: -

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

- 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 CONNECTIVITY 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. PACKAGED IN TAPE & REEL PER EIA 481 SPECIFICATION..
- 11 TE TRADEMARK AND CSA LOGO ARE MOLDED INTO HOUSING.
- 12 NO PART NUMBER REQUIRED ON THIS PART.
- 13 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.
- 14 ROHS 2002/95/EC COMPLIANT.
- 15 SUPERSEDED BY 6-147104-4
- 16 SUPERSEDED BY 5-147104-2
- 17 SUPERSEDED BY 5-147104-8

FINISH	EIA TAPE WIDTH	B	A	NO.OF POSN.	PART NUMBER
OBSOLETE	120mm	99.06[3.900]	101.60[4.000]	80	9-147104-0
		96.52[3.800]	99.06[3.900]	78	8-147104-9
		93.98[3.700]	96.52[3.800]	76	8-147104-8
		91.44[3.600]	93.98[3.700]	74	8-147104-7
		88.90[3.500]	91.44[3.600]	72	8-147104-6
		86.36[3.400]	88.90[3.500]	70	8-147104-5
		83.82[3.300]	86.36[3.400]	68	8-147104-4
		81.28[3.200]	83.82[3.300]	66	8-147104-3
		78.74[3.100]	81.28[3.200]	64	8-147104-2
		76.20[3.000]	78.74[3.100]	62	8-147104-1
		73.66[2.900]	76.20[3.000]	60	8-147104-0
		71.12[2.800]	73.66[2.900]	58	7-147104-9
		68.58[2.700]	71.12[2.800]	56	7-147104-8
		66.04[2.600]	68.58[2.700]	54	7-147104-7
OBSOLETE	88mm	63.50[2.500]	66.04[2.600]	52	7-147104-6
		60.96[2.400]	63.50[2.500]	50	7-147104-5
		58.42[2.300]	60.96[2.400]	48	7-147104-4
		55.88[2.200]	58.42[2.300]	46	7-147104-3
		53.34[2.100]	55.88[2.200]	44	7-147104-2
		50.80[2.000]	53.34[2.100]	42	7-147104-1
		48.26[1.900]	50.80[2.000]	40	7-147104-0
		45.72[1.800]	48.26[1.900]	38	6-147104-9
		43.18[1.700]	45.72[1.800]	36	6-147104-8
		40.64[1.600]	43.18[1.700]	34	6-147104-7
		38.10[1.500]	40.64[1.600]	32	6-147104-6
		35.56[1.400]	38.10[1.500]	30	6-147104-5
		33.02[1.300]	35.56[1.400]	28	6-147104-4
		30.48[1.200]	33.02[1.300]	26	6-147104-3
OBSOLETE	72mm	27.94[1.100]	30.48[1.200]	24	6-147104-2
		25.40[1.000]	27.94[1.100]	22	6-147104-1
		22.86[.900]	25.40[1.000]	20	6-147104-0
		20.32[.800]	22.86[.900]	18	5-147104-9
		17.78[.700]	20.32[.800]	16	5-147104-8
		15.24[.600]	17.78[.700]	14	5-147104-7
		12.70[.500]	15.24[.600]	12	5-147104-6
		10.16[.400]	12.70[.500]	10	5-147104-5
		7.62[.300]	10.16[.400]	8	5-147104-4
		5.08[.200]	7.62[.300]	6	5-147104-3
		2.54[.100]	5.08[.200]	4	5-147104-2
		2.54[.100]	2.54[.100]	2	5-147104-1
		2.54[.100]	2.54[.100]	2	5-147104-1
		2.54[.100]	2.54[.100]	2	5-147104-1
OBSOLETE	44mm	20.32[.800]	22.86[.900]	18	5-147104-9
		17.78[.700]	20.32[.800]	16	5-147104-8
OBSOLETE	24mm	15.24[.600]	17.78[.700]	14	5-147104-7
		12.70[.500]	15.24[.600]	12	5-147104-6
		10.16[.400]	12.70[.500]	10	5-147104-5
		7.62[.300]	10.16[.400]	8	5-147104-4
		5.08[.200]	7.62[.300]	6	5-147104-3
		2.54[.100]	5.08[.200]	4	5-147104-2
		2.54[.100]	2.54[.100]	2	5-147104-1
		2.54[.100]	2.54[.100]	2	5-147104-1
		2.54[.100]	2.54[.100]	2	5-147104-1
		2.54[.100]	2.54[.100]	2	5-147104-1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.BINNER 06NOV02	 TE Connectivity Ltd.	
DIMENSIONS: mm [INCHES]		CHK J.OLSON 06NOV02		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD J.OLSON 06NOV02	NAME	
0 PLC ± - 1 PLC ± - 2 PLC ± .005[0.13] 3 PLC ± - 4 PLC ± - ANGLES ± -		PRODUCT SPEC 108-25022	REC ASSY, MOD IV, DR, DUAL ENTRY, .100X.100CL, SURFACE MOUNT, AMPMODU	
MATERIAL FINISH		APPLICATION SPEC 114-25018	SIZE A2	CAGE CODE 00779
SEE TABLE		WEIGHT -	DRAWING NO C-147104	RESTRICTED TO -
CUSTOMER DRAWING			SCALE 1:1	SHEET 2 of 2

Mouser Electronics

Authorized Distributor

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[5-147104-2](#)