

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
AD	00		J9	REVISED PER ECO-13-005565	01APR13	KH	JO

D

C

B

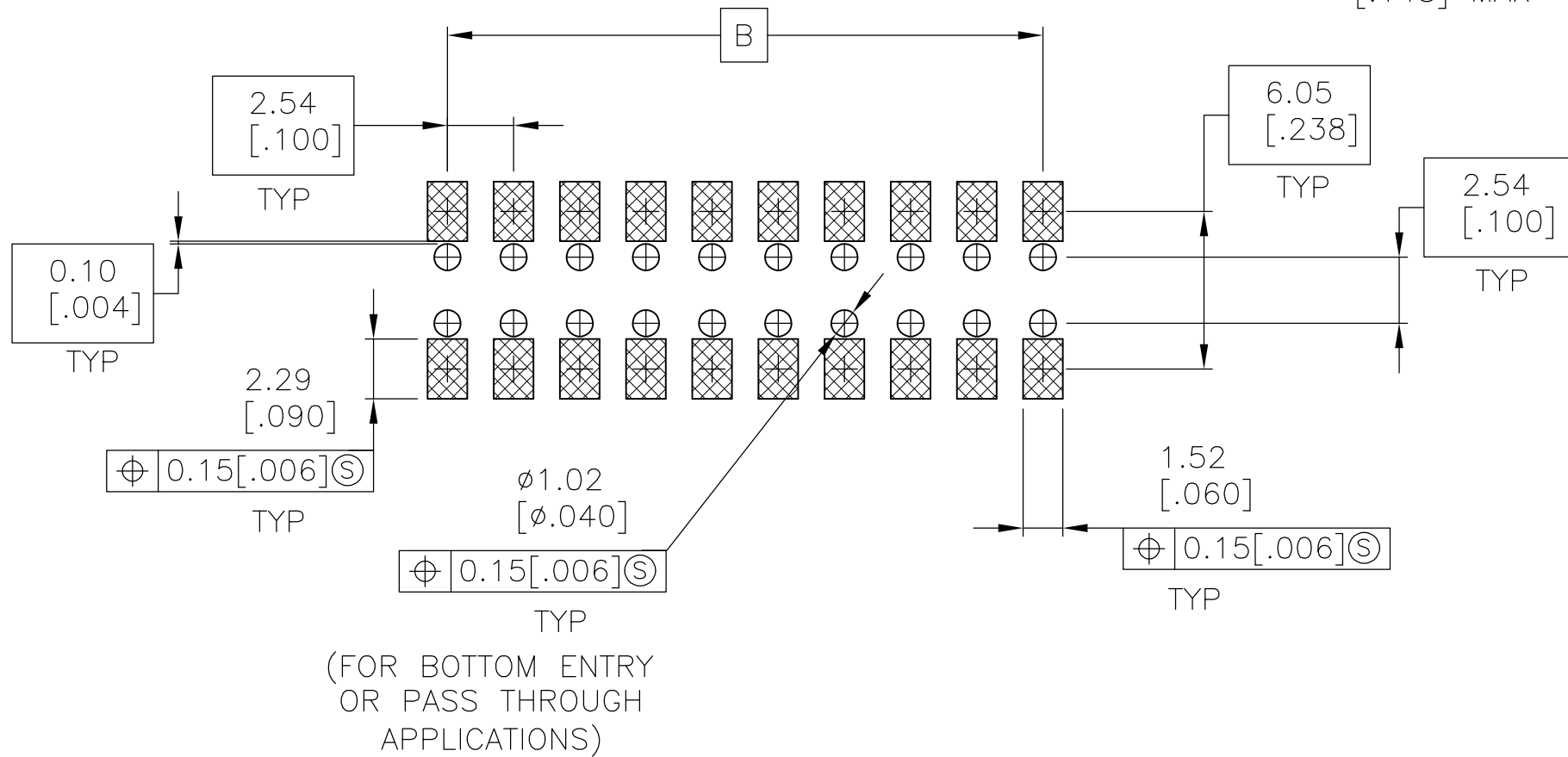
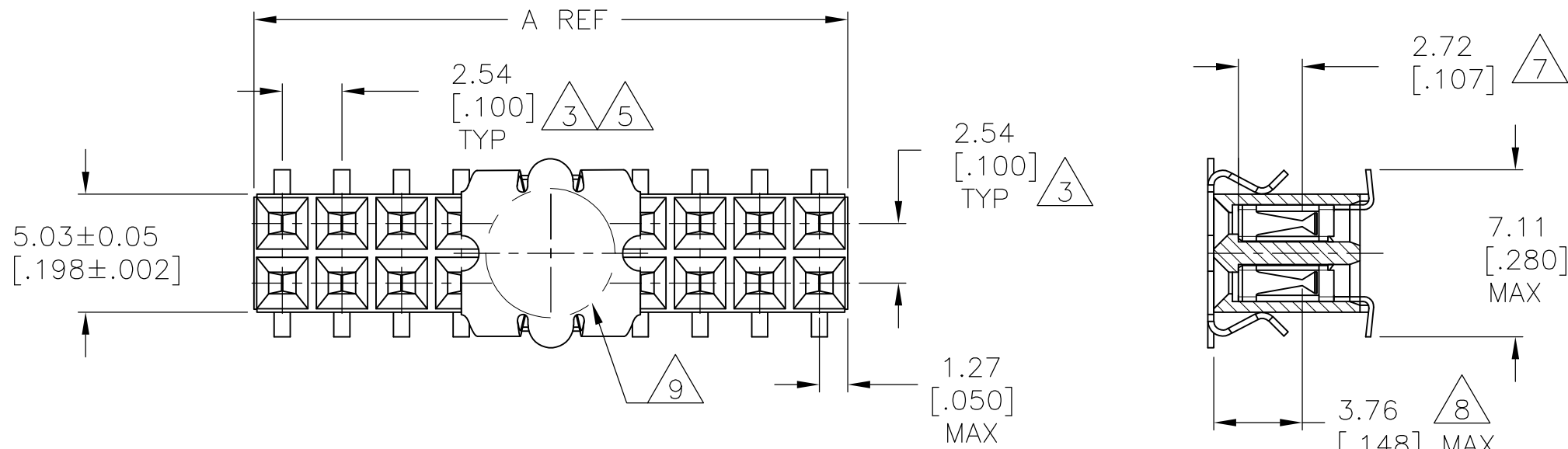
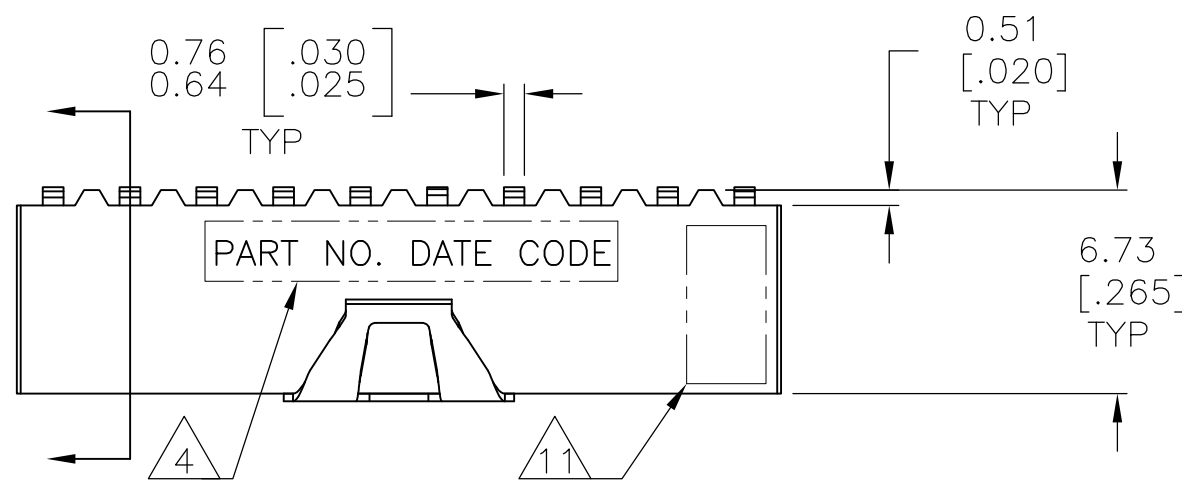
A

D

C

B

A



RECOMMENDED PC BOARD LAYOUT
0.20[.008] THICK STENCIL

FOR PART NUMBERS 5-147105-1 THRU 9-147105-0
SEE SHEET 2

120mm	99.06 [3.900]	101.60 [4.000]	80	4-147105-0
	96.52 [3.800]	99.06 [3.900]	78	3-147105-9
	93.98 [3.700]	96.52 [3.800]	76	3-147105-8
	91.44 [3.600]	93.98 [3.700]	74	3-147105-7
	88.90 [3.500]	91.44 [3.600]	72	3-147105-6
	86.36 [3.400]	88.90 [3.500]	70	3-147105-5
	83.82 [3.300]	86.36 [3.400]	68	3-147105-4
	81.28 [3.200]	83.82 [3.300]	66	3-147105-3
	78.74 [3.100]	81.28 [3.200]	64	3-147105-2
	76.20 [3.000]	78.74 [3.100]	62	3-147105-1
	73.66 [2.900]	76.20 [3.000]	60	3-147105-0
	71.12 [2.800]	73.66 [2.900]	58	2-147105-9
88mm	68.58 [2.700]	71.12 [2.800]	56	2-147105-8
	66.04 [2.600]	68.58 [2.700]	54	2-147105-7
	63.50 [2.500]	66.04 [2.600]	52	2-147105-6
	60.96 [2.400]	63.50 [2.500]	50	2-147105-5
	58.42 [2.300]	60.96 [2.400]	48	2-147105-4
72mm	55.88 [2.200]	58.42 [2.300]	46	2-147105-3
	53.34 [2.100]	55.88 [2.200]	44	2-147105-2
	50.80 [2.000]	53.34 [2.100]	42	2-147105-1
	48.26 [1.900]	50.80 [2.000]	40	2-147105-0
	45.72 [1.800]	48.26 [1.900]	38	1-147105-9
	43.18 [1.700]	45.72 [1.800]	36	1-147105-8
	40.64 [1.600]	43.18 [1.700]	34	1-147105-7
	38.10 [1.500]	40.64 [1.600]	32	1-147105-6
	35.56 [1.400]	38.10 [1.500]	30	1-147105-5
	33.02 [1.300]	35.56 [1.400]	28	1-147105-4
	30.48 [1.200]	33.02 [1.300]	26	1-147105-3
	27.94 [1.100]	30.48 [1.200]	24	1-147105-2
44mm	25.40 [1.000]	27.94 [1.100]	22	1-147105-1
	22.86 [0.900]	25.40 [1.000]	20	1-147105-0
	20.32 [0.800]	22.86 [0.900]	18	147105-9
	17.78 [0.700]	20.32 [0.800]	16	147105-8
	15.24 [0.600]	17.78 [0.700]	14	147105-7
	12.70 [0.500]	15.24 [0.600]	12	147105-6
	10.16 [0.400]	12.70 [0.500]	10	147105-5
	7.62 [0.300]	10.16 [0.400]	8	147105-4
	5.08 [0.200]	7.62 [0.300]	6	147105-3
	2.54 [0.100]	5.08 [0.200]	4	147105-2
	-	-	2	147105-1
24mm	-	2.54 [0.100]	2	147105-1

FINISH	EIA TAPE WIDTH	B	A	NO.OF POSN.	PART NUMBER
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THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.BINNER 06NOV02	TE Connectivity		
DIMENSIONS: mm [INCHES]		CHK J.OLSON 06NOV02			
		APVD J.OLSON 06NOV02	NAME RECEPTACLE ASSEMBLY, MOD IV, DOUBLE ROW, DUAL ENTRY, .100X.100CL, SURFACE MOUNT, AMPMODU		
		PRODUCT SPEC			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPLICATION SPEC	SIZE CAGE CODE DRAWING NO RESTRICTED TO		
0 PLC ± -		108-25022			
1 PLC ± -		WEIGHT 114-25018	A2 00779 C=147105		
2 PLC ± .005[0.13]		CUSTOMER DRAWING			
3 PLC ± -			SCALE 4:1 SHEET 1 of 2 REV J9		
4 PLC ± -					
ANGLES ± -					
FINISH					
SEE TABLE					

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

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LOCAD

DIST00

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 0.76µm[.000030] 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 CAVITIY CENTERLINES ONLY NOT TO CONTACT LOACATIONS

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 CONNECTIVITY TRADEMARK AND CSA LOGO ARE MOLDED INTO HOUSING.

12

NO PART NUMBER REQUIRED ON THIS PART.

13

CONTACT: DUPLEX PLATE CONNECTIVITYD 0.76µm[.000030] 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

SUPERRSEDED BY 6-147105-5

16

SUPERRSEDED BY 6-147105-8

17

SUPERRSEDED BY 7-147105-2

18

SUPERRSEDED BY 8-147105-0

12

6

OBSOLETE

13

14

120mm	99.06[3.900]	101.60[4.000]	80	9-147105-0	
	96.52[3.800]	99.06[3.900]	78	8-147105-9	
	93.98[3.700]	96.52[3.800]	76	8-147105-8	
	91.44[3.600]	93.98[3.700]	74	8-147105-7	
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	17.78[.700]	20.32[.800]	16	5-147105-8	
	15.24[.600]	17.78[.700]	14	5-147105-7	
	12.70[.500]	15.24[.600]	12	5-147105-6	
	10.16[.400]	12.70[.500]	10	5-147105-5	
	7.62[.300]	10.16[.400]	8	5-147105-4	
24mm	5.08[.200]	7.62[.300]	6	5-147105-3	
	2.54[.100]	5.08[.200]	4	5-147105-2	
	-	2.54[.100]	2	5-147105-1	
FINISH	EIA TAPE WIDTH	B	A	NO.OF POSN.	PART NUMBER

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	0 PLC ± - 1 PLC ± - 2 PLC ± .005[0.13] 3 PLC ± - 4 PLC ± - ANGLES ± -	PRODUCT SPEC				
	MATERIAL 1	SEE TABLE	APPLICATION SPEC 108-25022	SIZE A2	CAGE CODE 00779	DRAWING NO C=147105
CUSTOMER DRAWING			WEIGHT 114-25018	SCALE 1:1	SHEET 2 of 2	REV J9

1471-9 (3/11)

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[147105-3](#)