

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

D

C

B

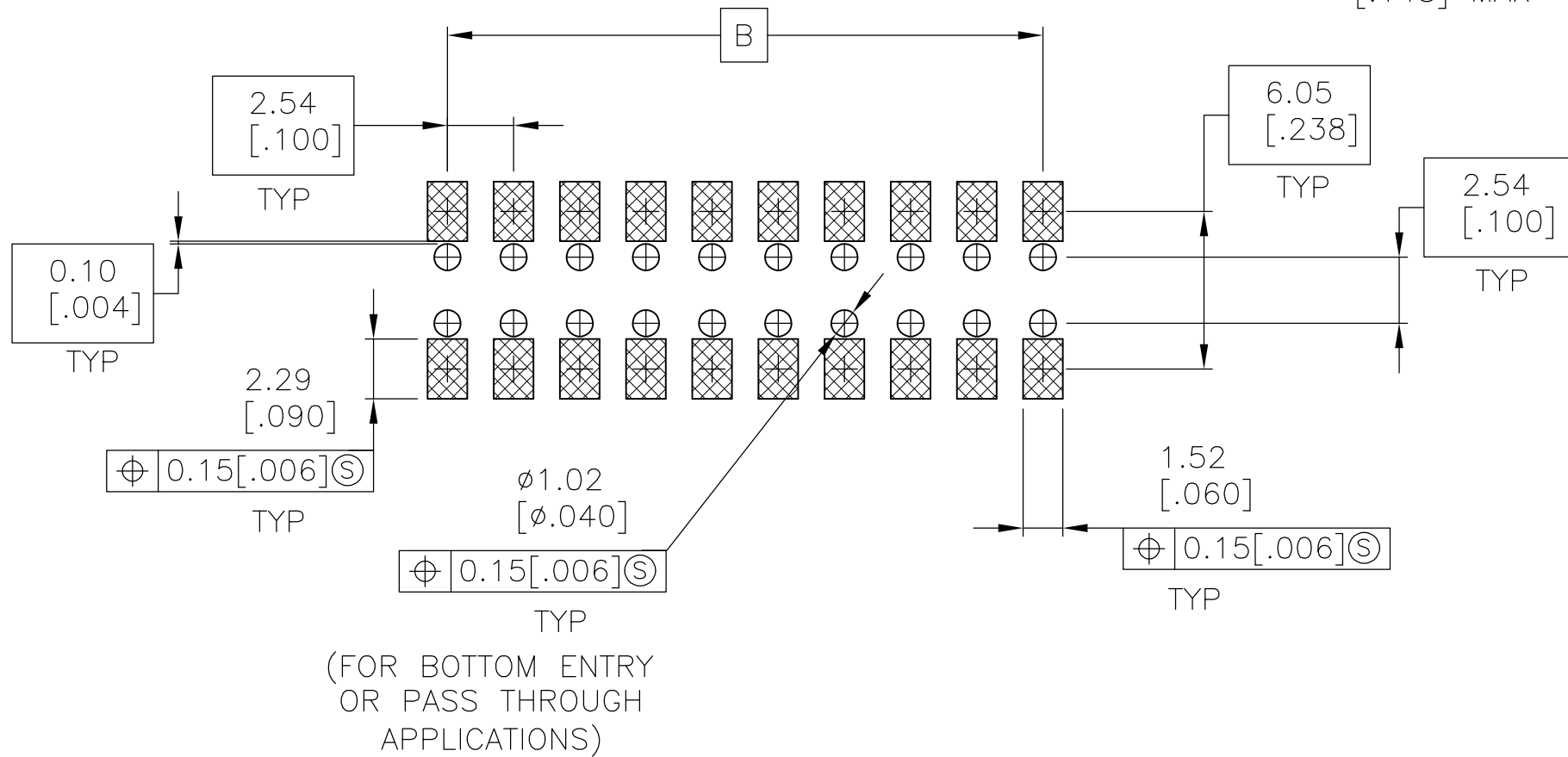
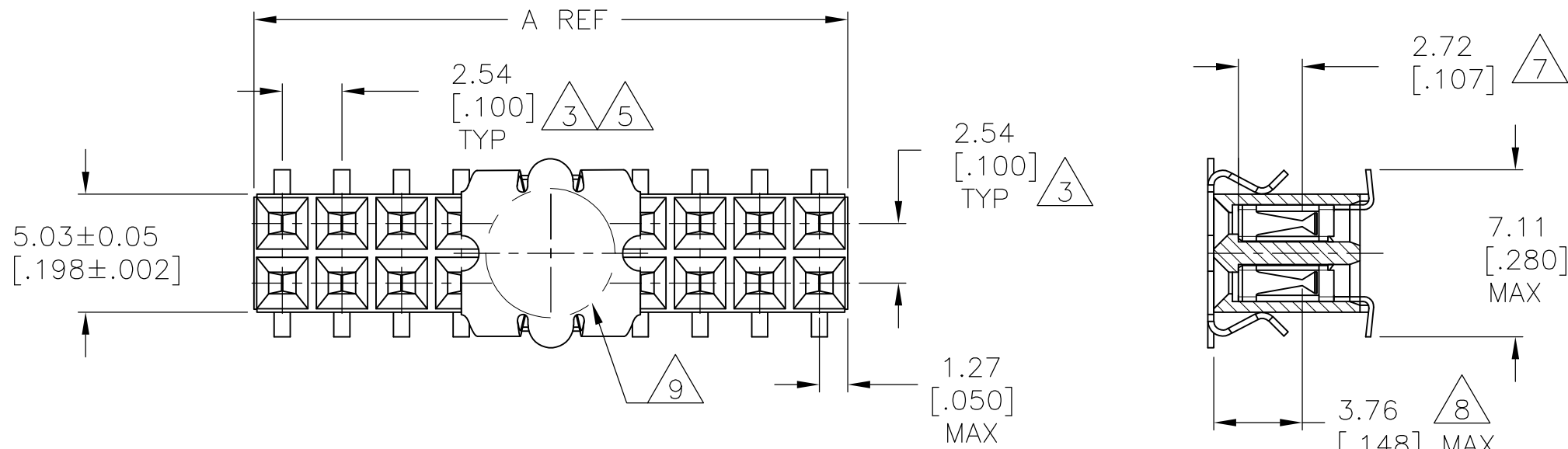
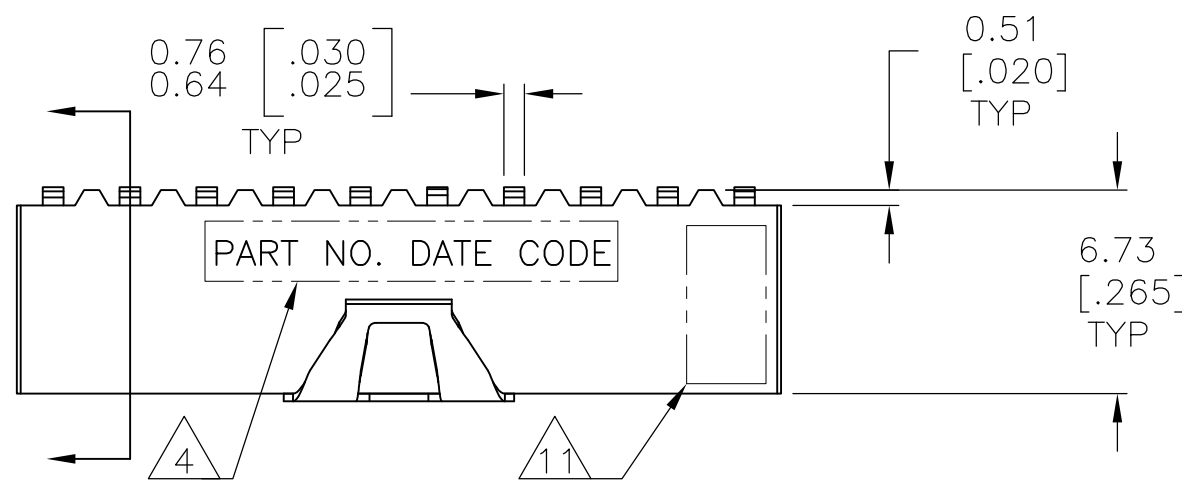
A

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
	55.88	[2.200]	58.42	[2.300]	46	2-147105-3
72mm	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
	25.40	[1.000]	27.94	[1.100]	22	1-147105-1
44mm	22.86	[.900]	25.40	[1.000]	20	1-147105-0
	20.32	[.800]	22.86	[.900]	18	147105-9
	17.78	[.700]	20.32	[.800]	16	147105-8
	15.24	[.600]	17.78	[.700]	14	147105-7
	12.70	[.500]	15.24	[.600]	12	147105-6
	10.16	[.400]	12.70	[.500]	10	147105-5
	7.62	[.300]	10.16	[.400]	8	147105-4
	5.08	[.200]	7.62	[.300]	6	147105-3
	2.54	[.100]	5.08	[.200]	4	147105-2
					2	147105-1
24mm	-		2.54	[.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 —					
			APPLICATION SPEC 108-25022		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
			MATERIAL FINISH		WEIGHT 114-25018	A2	00779	C=147105
SEE TABLE			CUSTOMER DRAWING			SCALE 4:1	SHEET 1 of 2	REV J9

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
AD	00		—	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

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
		88.90[3.500]	91.44[3.600]	72	8-147105-6
		86.36[3.400]	88.90[3.500]	70	8-147105-5
		83.82[3.300]	86.36[3.400]	68	8-147105-4
		81.28[3.200]	83.82[3.300]	66	8-147105-3
		78.74[3.100]	81.28[3.200]	64	8-147105-2
		76.20[3.000]	78.74[3.100]	62	8-147105-1
		73.66[2.900]	76.20[3.000]	60	8-147105-0
		71.12[2.800]	73.66[2.900]	58	7-147105-9
	88mm	68.58[2.700]	71.12[2.800]	56	7-147105-8
		66.04[2.600]	68.58[2.700]	54	7-147105-7
		63.50[2.500]	66.04[2.600]	52	7-147105-6
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		22.86[.900]	25.40[1.000]	20	6-147105-0
		20.32[.800]	22.86[.900]	18	5-147105-9
		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
		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

12

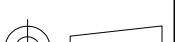
12

12

12

6

OBSOLETE

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

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[147105-4](#)