

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

D

C

B

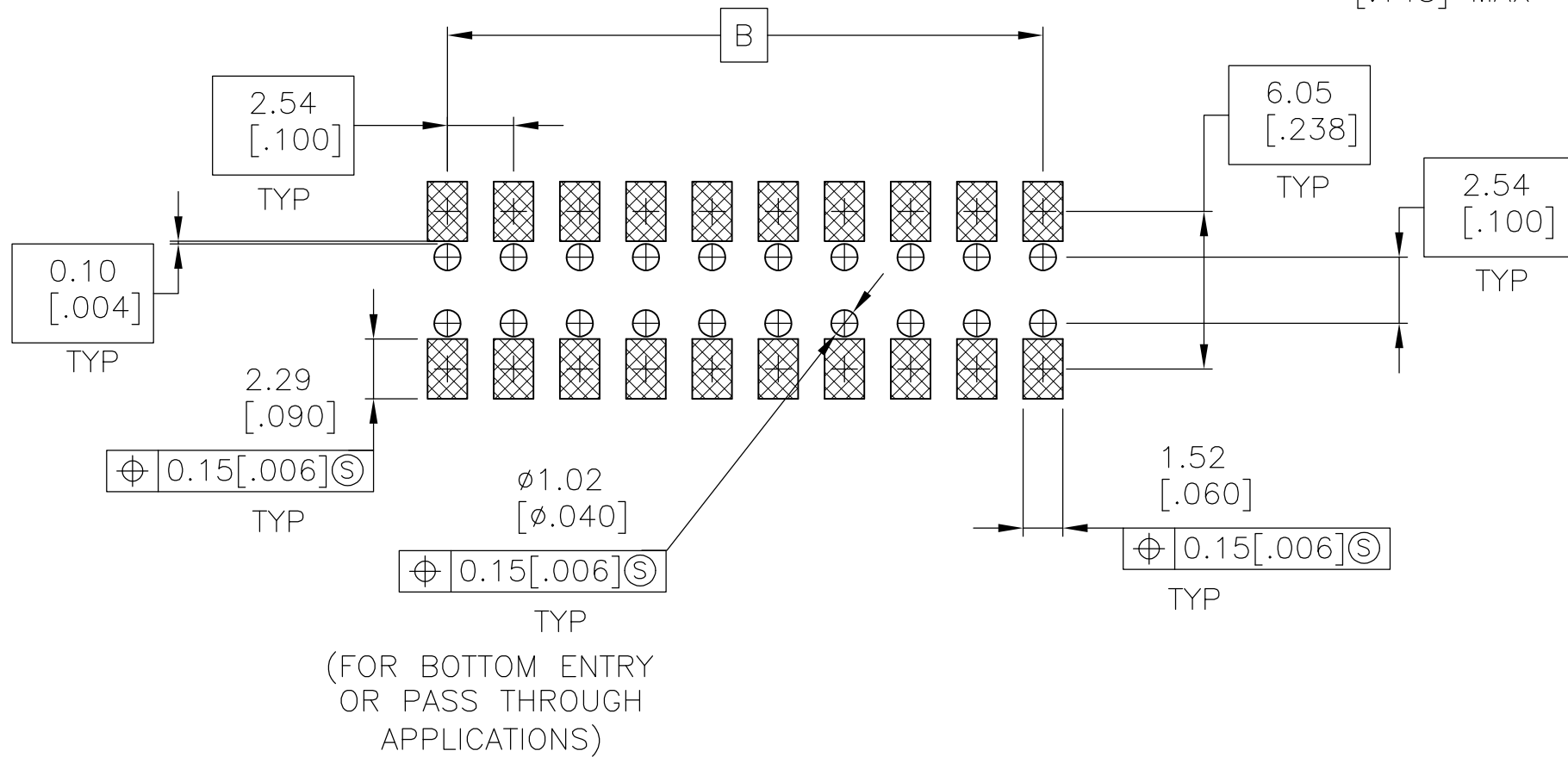
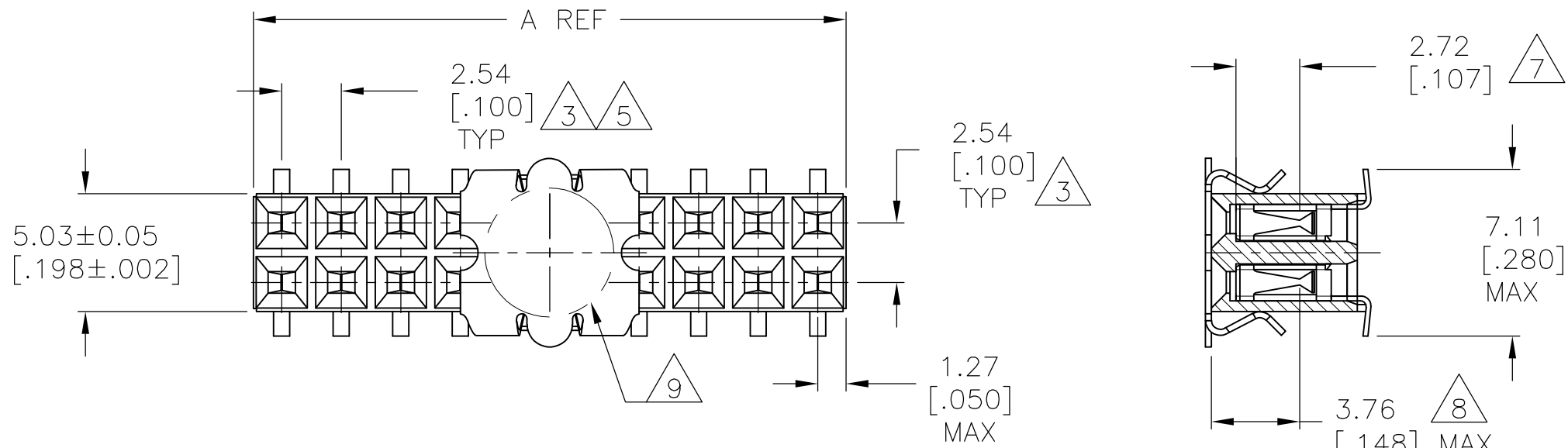
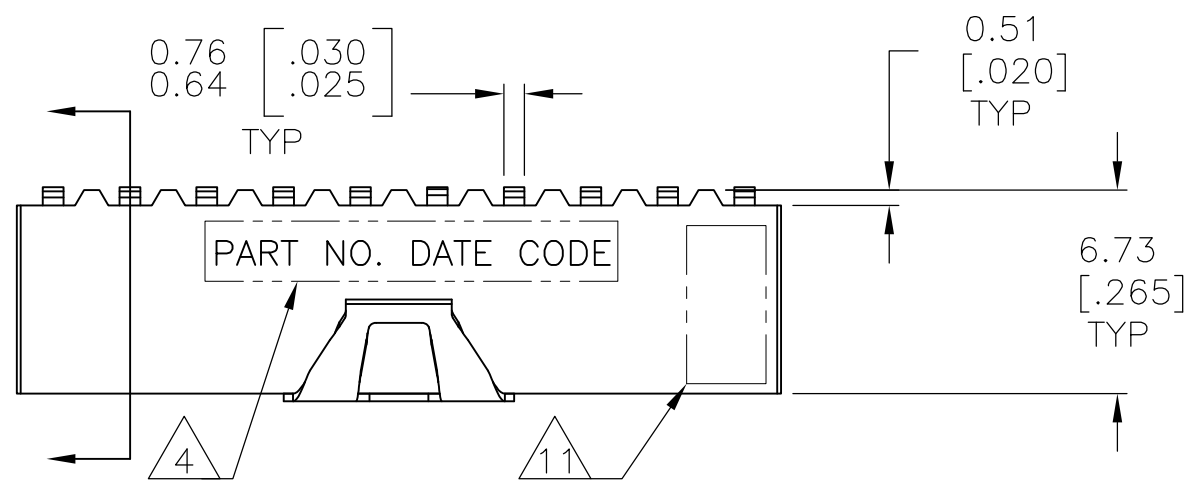
A

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 [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
	-	2.54 [0.100]	2	147105-1
	-	-	-	-
	-	-	-	-

FINISH	EIA TAPE WIDTH	B	A	NO.OF POSN.	PART NUMBER
--------	----------------	---	---	-------------	-------------

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

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
		60.96[2.400]	63.50[2.500]	50	7-147105-5
		58.42[2.300]	60.96[2.400]	48	7-147105-4
	72mm	55.88[2.200]	58.42[2.300]	46	7-147105-3
		53.34[2.100]	55.88[2.200]	44	7-147105-2
		50.80[2.000]	53.34[2.100]	42	7-147105-1
		48.26[1.900]	50.80[2.000]	40	7-147105-0
		45.72[1.800]	48.26[1.900]	38	6-147105-9
		43.18[1.700]	45.72[1.800]	36	6-147105-8
		40.64[1.600]	43.18[1.700]	34	6-147105-7
		38.10[1.500]	40.64[1.600]	32	6-147105-6
	44mm	35.56[1.400]	38.10[1.500]	30	6-147105-5
		33.02[1.300]	35.56[1.400]	28	6-147105-4
		30.48[1.200]	33.02[1.300]	26	6-147105-3
		27.94[1.100]	30.48[1.200]	24	6-147105-2
		25.40[1.000]	27.94[1.100]	22	6-147105-1
		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.

DIMENSIONS:
mm [INCHES]

MATERIAL

1

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -

1 PLC ± -

2 PLC ± .005[0.13]

3 PLC ± -

4 PLC ± -

ANGLES ± -

FINISH

SEE TABLE

DWN M.BINNER 06NOV02

CHK J.OLSON 06NOV02

APVD J.OLSON 06NOV02

PRODUCT SPEC

APPLICATION SPEC

108-25022

WEIGHT 114-25018

CUSTOMER DRAWING

TE Connectivity

NAME

RECEPTACLE ASSEMBLY, MOD IV,
DOUBLE ROW, DUAL ENTRY, .100X.100CL,
SURFACE MOUNT, AMPMODU

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A200779

C=147105

-

SCALE 1:1

SHEET 2 of 2

REV J9

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[2-147105-0](#)