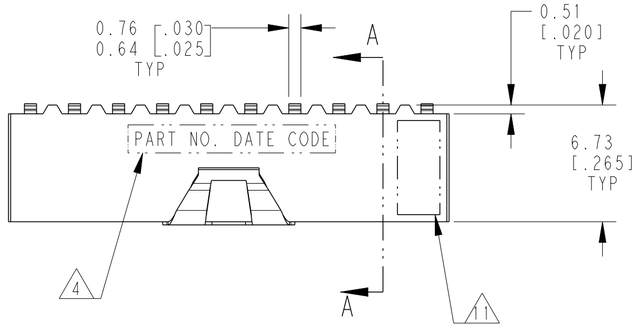
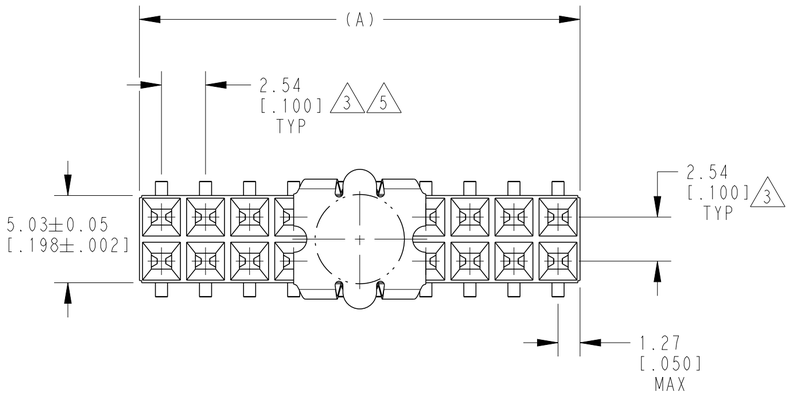
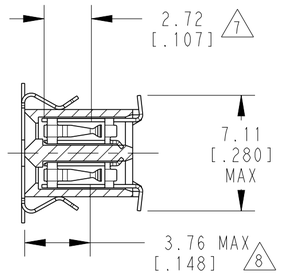
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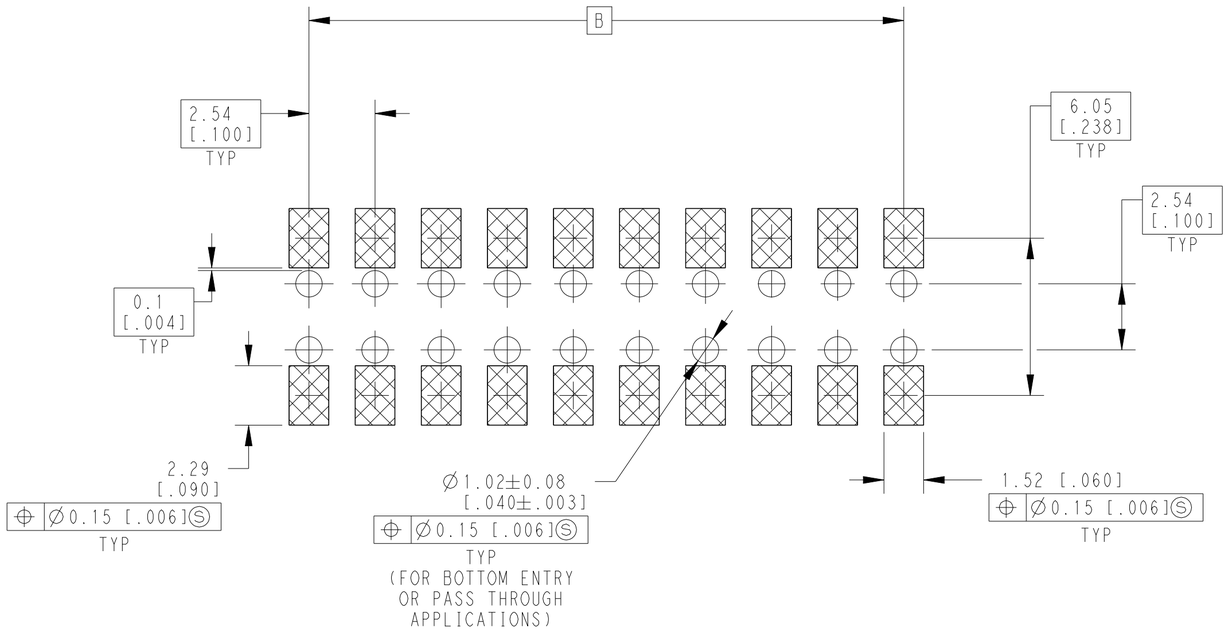
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	K	RESIN SUPPLIER CHANGE FOR THE HOUSING	03DEC2021	SCB	KJK
	L	RIB FEATURE IS ADDED IN THE STANDOFF FEATURE	19FEB2026	RS	GVP







SECTION A-A



RECOMMENDED PC BOARD LAYOUT

0.20[.008] THICK STENCIL

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

	B	A	NO. OF POSN	PART NUMBER
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
18	~~73.66[2.900]~~	~~76.20[3.000]~~	~~60~~	~~3-147105-0~~
	71.12[2.800]	73.66[2.900]	58	2-147105-9
	68.58[2.700]	71.12[2.800]	56	2-147105-8
88mm	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
17	~~53.34[2.100]~~	~~55.88[2.200]~~	~~44~~	~~2-147105-2~~
	50.80[2.000]	53.34[2.100]	42	2-147105-1
2	48.26[1.900]	50.80[2.000]	40	2-147105-0
	45.72[1.800]	48.26[1.900]	38	1-147105-9
16	~~43.18[1.700]~~	~~45.72[1.800]~~	~~36~~	~~1-147105-8~~
72mm	40.64[1.600]	43.18[1.700]	34	1-147105-7
	38.10[1.500]	40.64[1.600]	32	1-147105-6
15	~~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
	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
44mm	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
12	7.62[.300]	10.16[.400]	8	147105-4
12	5.08[.200]	7.62[.300]	6	147105-3
12	2.54[.100]	5.08[.200]	4	147105-2
12	~~24mm~~	~~2.54[.100]~~	~~2~~	~~147105-1~~
12 6 OBSOLETE				
FINISH	EIA TAPE WIDTH			

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±-
2 PLC ±0.13[.005]
3 PLC ±-
4 PLC ±-
ANGLES ±-

MATERIAL 1

FINISH SEE TABLE

DWN	M.BINNER	06NOV02
CHK	J.OLSON	06NOV02
APVD	J.OLSON	06NOV02
PRODUCT SPEC	108-25022	
APPLICATION SPEC	114-25018	
WEIGHT	-	

TE Connectivity

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

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-147105	-

CUSTOMER DRAWING | SCALE 5:1 | SHEET 1 OF 2 | REV L

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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 0.00076[.000030] MIN GOLD IN CONTACT AREA,
0.00381-0.00762[.000150 -.000300] BRIGHT TIN-LEAD ON,
LEADS, ALL OVER 0.00127[.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. ∅5.51[.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 PLATED 0.00076[.000030] MIN GOLD IN CONTACT AREA,
0.00381-0.00762[.000150 -.000300] MATTE TIN
ON LEADS, ALL OVER 0.00127[.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

FINISH	EIA TAPE WIDTH	B	A	NO. OF POSN	PART NUMBER
	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
		68.58[2.700]	71.12[2.800]	56	7-147105-8
	88mm	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
		55.88[2.200]	58.42[2.300]	46	7-147105-3
		53.34[2.100]	55.88[2.200]	44	7-147105-2
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		48.26[1.900]	50.80[2.000]	40	7-147105-0
		45.72[1.800]	48.26[1.900]	38	6-147105-9
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		25.40[1.000]	27.94[1.100]	22	6-147105-1
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		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
12		7.62[.300]	10.16[.400]	8	5-147105-4
12		5.08[.200]	7.62[.300]	6	5-147105-3
12		2.54[.100]	5.08[.200]	4	5-147105-2
12					
12 6 OBSOLETE	~~24mm~~		~~2.54[.100]~~	~~2~~	~~5-147105-1~~

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DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
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1 PLC ±-
2 PLC ±0.13[.005]
3 PLC ±-
4 PLC ±-
ANGLES ±-

MATERIAL 1

FINISH SEE TABLE

DWN M.BINNER 06NOV02
CHK J.OLSON 06NOV02
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PRODUCT SPEC 108-25022
APPLICATION SPEC 114-25018
WEIGHT -

TE Connectivity

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

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-147105	-

CUSTOMER DRAWING | SCALE 5:1 | SHEET 2 OF 2 | REV L