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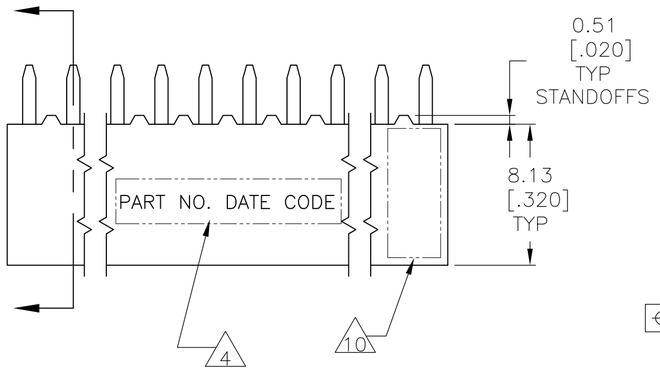
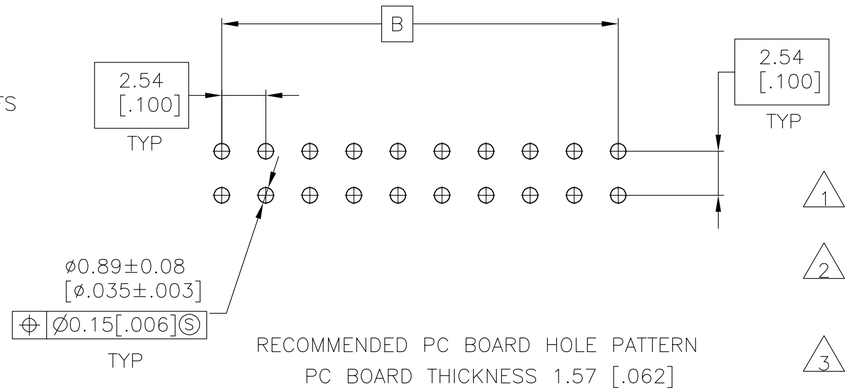
LOC	DIST
AD	00

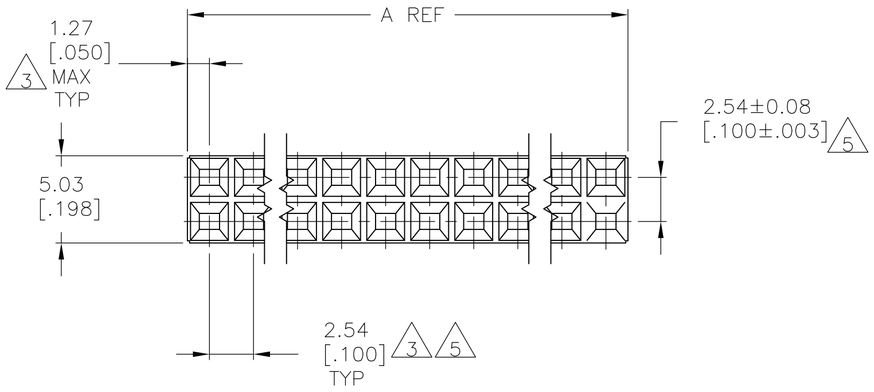
REVISIONS

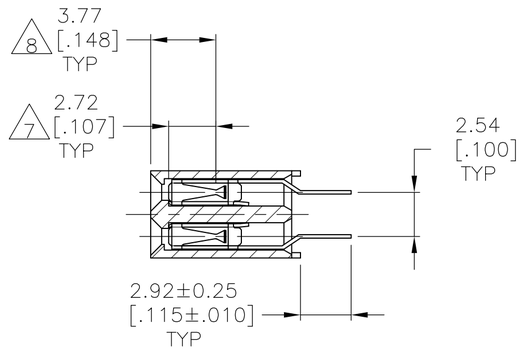
P	LTR	DESCRIPTION	DATE	DWN	APVD
	F7	REVISED PER ECO-13-005565	01APR13	KH	JO





RECOMMENDED PC BOARD HOLE PATTERN
PC BOARD THICKNESS 1.57 [.062]





1. HOUSING: FLAME RETARDANT, GLASS FILLED, POLYESTER, COLOR: BLACK. CONTACT: PHOSPHOR BRONZE
2. CONTACT: DUPLEX PLATED 0.25µm[.000010] MIN 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 LOGO.
7. POINT-OF-MEASUREMENT DIMENSION FOR PLATING THICKNESS (INSIDE CONTACT BEAM).
8. POINT-OF-CONTACT DIMENSION.
9. NO PART NUMBER MARKING REQUIRED FOR THIS PART.
10. TE LOGO AND CSA LOGO ARE MOLDED INTO HOUSING.
11. CONTACT: DUPLEX PLATED 0.25µm[.000010] MIN GOLD IN CONTACT AREA, 3.81-7.62µm[.000150-.000300] MATTE TIN ON LEADS ALL OVER 1.27µm[.000050] MINIMUM NICKEL
12. ROHS 2002/95/EC COMPLIANT

147424

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 2 11

DWN M.BINNER 06NOV2002
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, TOP ENTRY, .100X.100CL,
VERTICAL MOUNT, AMPMODU

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-147424	-

CUSTOMER DRAWING | SCALE 4:1 | SHEET 1 OF 2 | REV F7

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LOC	DIST
AD	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	–	SEE SHEET 1	–	–	–

2	99.06[3.900]	101.60[4.000]	80	4–147424–0
2	96.52[3.800]	99.06[3.900]	78	3–147424–9
2	93.98[3.700]	96.52[3.800]	76	3–147424–8
2	91.44[3.600]	93.98[3.700]	74	3–147424–7
2	88.90[3.500]	91.44[3.600]	72	3–147424–6
2	86.36[3.400]	88.90[3.500]	70	3–147424–5
2	83.82[3.300]	86.36[3.400]	68	3–147424–4
2	81.28[3.200]	83.82[3.300]	66	3–147424–3
2	78.74[3.100]	81.28[3.200]	64	3–147424–2
2	76.20[3.000]	78.74[3.100]	62	3–147424–1
2	73.66[2.900]	76.20[3.000]	60	3–147424–0
2	71.12[2.800]	73.66[2.900]	58	2–147424–9
2	68.58[2.700]	71.12[2.800]	56	2–147424–8
2	66.04[2.600]	68.58[2.700]	54	2–147424–7
2	63.50[2.500]	66.04[2.600]	52	2–147424–6
2	60.96[2.400]	63.50[2.500]	50	2–147424–5
SUPERSEDED BY 7–147424–4 2	~~58.42[2.300]~~	~~60.96[2.400]~~	~~48~~	~~2–147424–4~~
2	55.88[2.200]	58.42[2.300]	46	2–147424–3
2	53.34[2.100]	55.88[2.200]	44	2–147424–2
2	50.80[2.000]	53.34[2.100]	42	2–147424–1
SUPERSEDED BY 7–147424–0 2	~~48.26[1.900]~~	~~50.80[2.000]~~	~~40~~	~~2–147424–0~~
2	45.72[1.800]	48.26[1.900]	38	1–147424–9
2	43.18[1.700]	45.72[1.800]	36	1–147424–8
2	40.64[1.600]	43.18[1.700]	34	1–147424–7
SUPERSEDED BY 6–147424–6 2	~~38.10[1.500]~~	~~40.64[1.600]~~	~~32~~	~~1–147424–6~~
SUPERSEDED BY 6–147424–5 2	~~35.56[1.400]~~	~~38.10[1.500]~~	~~30~~	~~1–147424–5~~
2	33.02[1.300]	35.56[1.400]	28	1–147424–4
2	30.48[1.200]	33.02[1.300]	26	1–147424–3
2	27.94[1.100]	30.48[1.200]	24	1–147424–2
2	25.40[1.000]	27.94[1.100]	22	1–147424–1
SUPERSEDED BY 6–147424–0 2	~~22.86[.900]~~	~~25.40[1.000]~~	~~20~~	~~1–147424–0~~
2	20.32[.800]	22.86[.900]	18	147424–9
2	17.78[.700]	20.32[.800]	16	147424–8
2	15.24[.600]	17.78[.700]	14	147424–7
2	12.70[.500]	15.24[.600]	12	147424–6
9 2	10.16[.400]	12.70[.500]	10	147424–5
9 2	7.62[.300]	10.16[.400]	8	147424–4
9 2	5.08[.200]	7.62[.300]	6	147424–3
9 2	2.54[.100]	5.08[.200]	4	147424–2
9 OBSOLETE 2	–	~~2.54[.100]~~	~~2~~	6 ~~147424–1~~
	FINISH	B	A	NO OF POSN	PART NUMBER

11	99.06[3.900]	101.60[4.000]	80	12 9–147424–0
11	96.52[3.800]	99.06[3.900]	78	12 8–147424–9
11	93.98[3.700]	96.52[3.800]	76	12 8–147424–8
11	91.44[3.600]	93.98[3.700]	74	12 8–147424–7
11	88.90[3.500]	91.44[3.600]	72	12 8–147424–6
11	86.36[3.400]	88.90[3.500]	70	12 8–147424–5
11	83.82[3.300]	86.36[3.400]	68	12 8–147424–4
11	81.28[3.200]	83.82[3.300]	66	12 8–147424–3
11	78.74[3.100]	81.28[3.200]	64	12 8–147424–2
11	76.20[3.000]	78.74[3.100]	62	12 8–147424–1
11	73.66[2.900]	76.20[3.000]	60	12 8–147424–0
11	71.12[2.800]	73.66[2.900]	58	12 7–147424–9
11	68.58[2.700]	71.12[2.800]	56	12 7–147424–8
11	66.04[2.600]	68.58[2.700]	54	12 7–147424–7
11	63.50[2.500]	66.04[2.600]	52	12 7–147424–6
11	60.96[2.400]	63.50[2.500]	50	12 7–147424–5
11	58.42[2.300]	60.96[2.400]	48	12 7–147424–4
11	55.88[2.200]	58.42[2.300]	46	12 7–147424–3
11	53.34[2.100]	55.88[2.200]	44	12 7–147424–2
11	50.80[2.000]	53.34[2.100]	42	12 7–147424–1
11	48.26[1.900]	50.80[2.000]	40	12 7–147424–0
11	45.72[1.800]	48.26[1.900]	38	12 6–147424–9
11	43.18[1.700]	45.72[1.800]	36	12 6–147424–8
11	40.64[1.600]	43.18[1.700]	34	12 6–147424–7
11	38.10[1.500]	40.64[1.600]	32	12 6–147424–6
11	35.56[1.400]	38.10[1.500]	30	12 6–147424–5
11	33.02[1.300]	35.56[1.400]	28	12 6–147424–4
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11	20.32[.800]	22.86[.900]	18	12 5–147424–9
11	17.78[.700]	20.32[.800]	16	12 5–147424–8
11	15.24[.600]	17.78[.700]	14	12 5–147424–7
11	12.70[.500]	15.24[.600]	12	12 5–147424–6
9 11	10.16[.400]	12.70[.500]	10	12 5–147424–5
9 11	7.62[.300]	10.16[.400]	8	12 5–147424–4
9 11	5.08[.200]	7.62[.300]	6	12 5–147424–3
9 11	2.54[.100]	5.08[.200]	4	12 5–147424–2
9 OBSOLETE 11	–	~~2.54[.100]~~	~~2~~	6 12 ~~5–147424–1~~
	FINISH	B	A	NO OF POSN	PART NUMBER

147424

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4 PLC ± –
ANGLES ± –

MATERIAL 1

FINISH 2 11

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CHK J.OLSON 06NOV02
APVD J.OLSON 06NOV02
PRODUCT SPEC 108–25022
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TE Connectivity

NAME
RECEPTACLE ASSEMBLY, MOD IV,
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VERTICAL MOUNT, AMPMODU

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-147424	–

CUSTOMER DRAWING | SCALE 1:1 | SHEET 2 OF 2 | REV F7

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