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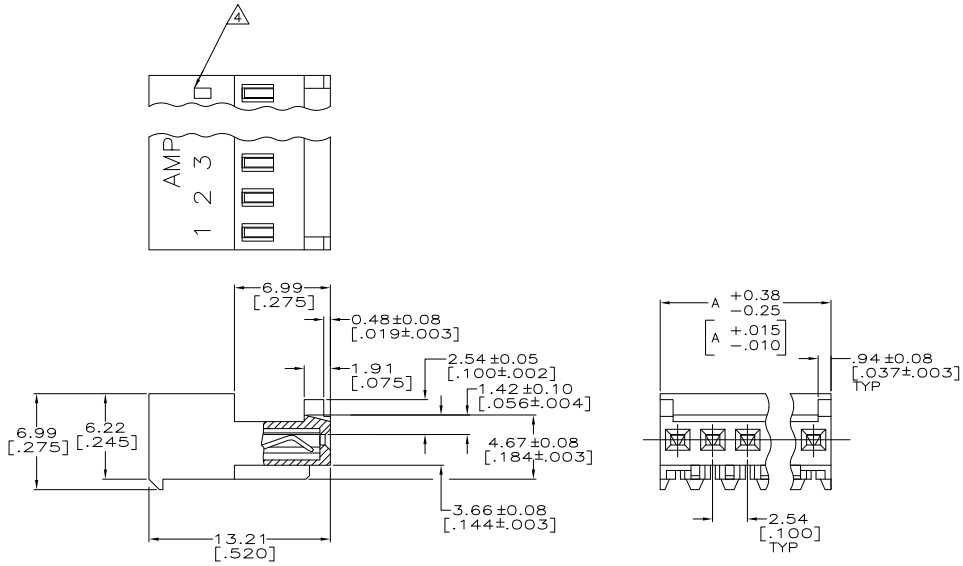
LOC	DIST
CM	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	L2	REVISED PER ECO-11-004587	11MAR11	RK	HMR

YES	71.12[2.800]	28	5-643816-8	
YES	68.58[2.700]	27	5-643816-7	
YES	66.04[2.600]	26	5-643816-6	
YES	63.50[2.500]	25	5-643816-5	
YES	60.96[2.400]	24	5-643816-4	
YES	58.42[2.300]	23	5-643816-3	
YES	55.88[2.200]	22	5-643816-2	
YES	53.34[2.100]	21	5-643816-1	
YES	50.80[2.000]	20	5-643816-0	
YES	48.26[1.900]	19	4-643816-9	
YES	45.72[1.800]	18	4-643816-8	
YES	43.18[1.700]	17	4-643816-7	
YES	40.64[1.600]	16	4-643816-6	
YES	38.10[1.500]	15	4-643816-5	
YES	35.56[1.400]	14	4-643816-4	
YES	33.02[1.300]	13	4-643816-3	
YES	30.48[1.200]	12	4-643816-2	
YES	27.94[1.100]	11	4-643816-1	
YES	25.40[1.000]	10	4-643816-0	
YES	22.86[.900]	9	3-643816-9	
YES	20.32[.800]	8	3-643816-8	
YES	17.78[.700]	7	3-643816-7	
YES	15.24[.600]	6	3-643816-6	
YES	12.70[.500]	5	3-643816-5	
YES	10.16[.400]	4	3-643816-4	
YES	7.62[.300]	3	3-643816-3	
YES	5.08[.200]	2	3-643816-2	
NO	71.12[2.800]	28	~~2-643816-8~~	SUPERCEDED 7
NO	68.58[2.700]	27	~~2-643816-7~~	SUPERCEDED 7
NO	66.04[2.600]	26	~~2-643816-6~~	SUPERCEDED 7
NO	63.50[2.500]	25	~~2-643816-5~~	SUPERCEDED 7
NO	60.96[2.400]	24	~~2-643816-4~~	SUPERCEDED 7
NO	58.42[2.300]	23	~~2-643816-3~~	SUPERCEDED 7
NO	55.88[2.200]	22	~~2-643816-2~~	SUPERCEDED 7
NO	53.34[2.100]	21	~~2-643816-1~~	SUPERCEDED 7
NO	50.80[2.000]	20	~~2-643816-0~~	SUPERCEDED 7
NO	48.26[1.900]	19	~~1-643816-9~~	SUPERCEDED 7
NO	45.72[1.800]	18	~~1-643816-8~~	SUPERCEDED 7
NO	43.18[1.700]	17	~~1-643816-7~~	SUPERCEDED 7
NO	40.64[1.600]	16	~~1-643816-6~~	SUPERCEDED 7
NO	38.10[1.500]	15	1-643816-5	
NO	35.56[1.400]	14	1-643816-4	
NO	33.02[1.300]	13	~~1-643816-3~~	SUPERCEDED 7
NO	30.48[1.200]	12	1-643816-2	
NO	27.94[1.100]	11	1-643816-1	
NO	25.40[1.000]	10	1-643816-0	
NO	22.86[.900]	9	~~643816-9~~	SUPERCEDED 7
NO	20.32[.800]	8	643816-8	
NO	17.78[.700]	7	643816-7	
NO	15.24[.600]	6	643816-6	
NO	12.70[.500]	5	643816-5	
NO	10.16[.400]	4	643816-4	
NO	7.62[.300]	3	643816-3	
NO	5.08[.200]	2	643816-2	
LEADFREE	DIM A	NO. OF CIRCUITS	PART NO.	

1471-9 (3/11)



1. MATERIAL: CONNECTOR – NYLON UL94V-2 (GREEN).
   CONTACTS – 0.30[.012] THICK COPPER ALLOY
   BRIGHT TIN-LEAD .00203[.000080] MIN THICKNESS
   FOR 643816-2 THRU 2-643816-8.
   MATTE WHISKER MITIGATED TIN .00203[.000080] MIN THICKNESS OVER
   NICKEL UNDERPLATE FOR 3-643816-2 THRU 5-643816-8.
2. CONTACTS ACCEPT 28 AWG WIRE WITH 1.52[.060] MAX INSULATION DIAMETER.
3. CONTACTS MUST ACCEPT 0.64±0.03[.025 POST AND REMAIN LOCKED IN POSITION.
4. IDENTIFICATION NUMBER FOR LAST CIRCUIT MAY NOT APPEAR ON ALL ASSEMBLIES.
5. DIMENSIONS IN BRACKETS ARE IN INCHES.
6. HOUSING FEATURES ARE: CLOSED END WITH LOCKING RAMP AND WITH POLARIZING TAB.
7. OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

METRIC

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]

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

MATERIAL 1
FINISH 1

DWN S. CARPENTER 11JUN2003
CHK D. BOSSI 11JUN2003
APVD D. BOSSI 11JUN2003
PRODUCT SPEC 108-1050
APPLICATION SPEC 114-1019
WEIGHT

TE Connectivity

NAME MTA 100 CONNECTOR ASSEMBLY, 28 AWG, STANDARD

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-643816	–

CUSTOMER DRAWING | SCALE 5:1 | SHEET 1 OF 1 | REV L2

643816

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