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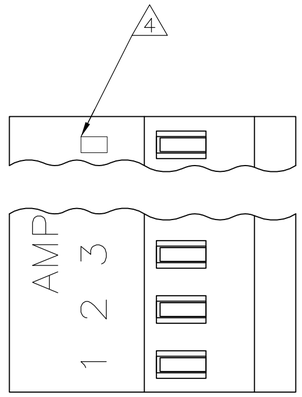
LOC	DIST
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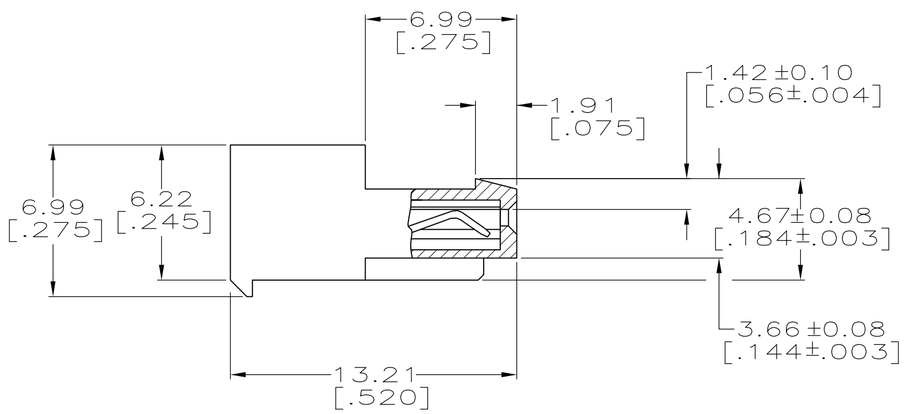
REVISIONS

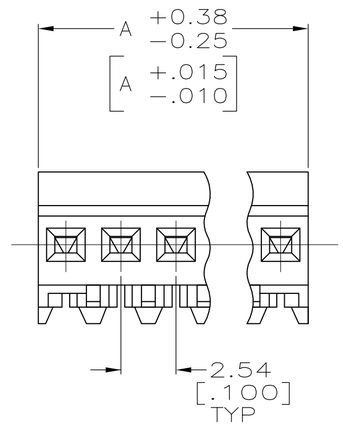
P	LTR	DESCRIPTION	DATE	DWN	APVD
	V2	REVISED PER ECO-11-004587	11MAR11	RK	HMR

YES	71.12[2.800]	28	5-640443-8
YES	68.58[2.700]	27	5-640443-7
YES	66.04[2.600]	26	5-640443-6
YES	63.50[2.500]	25	5-640443-5
YES	60.96[2.400]	24	5-640443-4
YES	58.42[2.300]	23	5-640443-3
YES	55.88[2.200]	22	5-640443-2
YES	53.34[2.100]	21	5-640443-1
YES	50.80[2.000]	20	5-640443-0
YES	48.26[1.900]	19	4-640443-9
YES	45.72[1.800]	18	4-640443-8
YES	43.18[1.700]	17	4-640443-7
YES	40.64[1.600]	16	4-640443-6
YES	38.10[1.500]	15	4-640443-5
YES	35.56[1.400]	14	4-640443-4
YES	33.02[1.300]	13	4-640443-3
YES	30.48[1.200]	12	4-640443-2
YES	27.94[1.100]	11	4-640443-1
YES	25.40[1.000]	10	4-640443-0
YES	22.86[.900]	9	3-640443-9
YES	20.32[.800]	8	3-640443-8
YES	17.78[.700]	7	3-640443-7
YES	15.24[.600]	6	3-640443-6
YES	12.70[.500]	5	3-640443-5
YES	10.16[.400]	4	3-640443-4
YES	7.62[.300]	3	3-640443-3
YES	5.08[.200]	2	3-640443-2
~~NO~~	~~71.12[2.800]~~	~~28~~	~~2-640443-8~~ SUPERCEDED BY 5-640443-8
~~NO~~	~~68.58[2.700]~~	~~27~~	~~2-640443-7~~ SUPERCEDED BY 5-640443-7
~~NO~~	~~66.04[2.600]~~	~~26~~	~~2-640443-6~~ SUPERCEDED BY 5-640443-6
~~NO~~	~~63.50[2.500]~~	~~25~~	~~2-640443-5~~ SUPERCEDED BY 5-640443-5
~~NO~~	~~60.96[2.400]~~	~~24~~	~~2-640443-4~~ SUPERCEDED BY 5-640443-4
~~NO~~	~~58.42[2.300]~~	~~23~~	~~2-640443-3~~ SUPERCEDED BY 5-640443-3
~~NO~~	~~55.88[2.200]~~	~~22~~	~~2-640443-2~~ SUPERCEDED BY 5-640443-2
~~NO~~	~~53.34[2.100]~~	~~21~~	~~2-640443-1~~ SUPERCEDED BY 5-640443-1
~~NO~~	~~50.80[2.000]~~	~~20~~	~~2-640443-0~~ SUPERCEDED BY 5-640443-0
~~NO~~	~~48.26[1.900]~~	~~19~~	~~1-640443-9~~ SUPERCEDED BY 4-640443-9
NO	45.72[1.800]	18	1-640443-8
~~NO~~	~~43.18[1.700]~~	~~17~~	~~1-640443-7~~ SUPERCEDED BY 4-640443-7
NO	40.64[1.600]	16	1-640443-6
NO	38.10[1.500]	15	1-640443-5
NO	35.56[1.400]	14	1-640443-4
NO	33.02[1.300]	13	1-640443-3
NO	30.48[1.200]	12	1-640443-2
NO	27.94[1.100]	11	1-640443-1
NO	25.40[1.000]	10	1-640443-0
NO	22.86[.900]	9	640443-9
NO	20.32[.800]	8	640443-8
NO	17.78[.700]	7	640443-7
NO	15.24[.600]	6	640443-6
NO	12.70[.500]	5	640443-5
NO	10.16[.400]	4	640443-4
NO	7.62[.300]	3	640443-3
NO	5.08[.200]	2	640443-2
LEADFREE	DIM A	NO. OF CIRCUITS	PART NO.

7







1. MATERIAL: CONNECTOR – NYLON UL94V-2 (GREEN).
   CONTACTS – 0.30[.012] THICK COPPER ALLOY
   BRIGHT TIN-LEAD .00203[.000080] MIN THICKNESS
   FOR 640443-2 THRU 2-640443-8.
   MATTE WHISKER MITIGATED TIN .00203[.000080] MIN THICKNESS OVER
   NICKEL UNDERPLATE FOR 3-640443-2 THRU 5-640443-8.
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.
7. OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

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-640443	—

CUSTOMER DRAWING | SCALE 5:1 | SHEET 1 OF 1 | REV V2

640443