	REVISIONS				
LOC	DIST				
CM	00				
P	LTR	DESCRIPTION	DATE	DWN	APVD
	J2	REVISED PER ECO-11-004587	11MAR11	RK	HMR

LEADFREE	DIM A	NO. OF CIRCUITS	PART NO.		
YES	71.12[2.800]	28	5-643814-8		
YES	68.58[2.700]	27	5-643814-7		
YES	66.04[2.600]	26	5-643814-6		
YES	63.50[2.500]	25	5-643814-5		
YES	60.96[2.400]	24	5-643814-4		
YES	58.42[2.300]	23	5-643814-3		
YES	55.88[2.200]	22	5-643814-2		
YES	53.34[2.100]	21	5-643814-1		
YES	50.80[2.000]	20	5-643814-0		
YES	48.26[1.900]	19	4-643814-9		
YES	45.72[1.800]	18	4-643814-8		
YES	43.18[1.700]	17	4-643814-7		
YES	40.64[1.600]	16	4-643814-6		
YES	38.10[1.500]	15	4-643814-5		
YES	35.56[1.400]	14	4-643814-4		
YES	33.02[1.300]	13	4-643814-3		
YES	30.48[1.200]	12	4-643814-2		
YES	27.94[1.100]	11	4-643814-1		
YES	25.40[1.000]	10	4-643814-0		
YES	22.86[.900]	9	3-643814-9		
YES	20.32[.800]	8	3-643814-8		
YES	17.78[.700]	7	3-643814-7		
YES	15.24[.600]	6	3-643814-6		
YES	12.70[.500]	5	3-643814-5		
YES	10.16[.400]	4	3-643814-4		
YES	7.62[.300]	3	3-643814-3		
YES	5.08[.200]	2	3-643814-2		
NO	71.12[2.800]	28	2-643814-8	SUPERSEDED BY 5-643814-8	⚠
NO	68.58[2.700]	27	2-643814-7	SUPERSEDED BY 5-643814-7	⚠
NO	66.04[2.600]	26	2-643814-6	SUPERSEDED BY 5-643814-6	⚠
NO	63.50[2.500]	25	2-643814-5		
NO	60.96[2.400]	24	2-643814-4	SUPERSEDED BY 5-643814-4	⚠
NO	58.42[2.300]	23	2-643814-3	SUPERSEDED BY 5-643814-3	⚠
NO	55.88[2.200]	22	2-643814-2	SUPERSEDED BY 5-643814-2	⚠
NO	53.34[2.100]	21	2-643814-1	SUPERSEDED BY 5-643814-1	⚠
NO	50.80[2.000]	20	2-643814-0		
NO	48.26[1.900]	19	1-643814-9	SUPERSEDED BY 4-643814-9	⚠
NO	45.72[1.800]	18	1-643814-8		
NO	43.18[1.700]	17	1-643814-7	SUPERSEDED BY 4-643814-7	⚠
NO	40.64[1.600]	16	1-643814-6		
NO	38.10[1.500]	15	1-643814-5		
NO	35.56[1.400]	14	1-643814-4		
NO	33.02[1.300]	13	1-643814-3		
NO	30.48[1.200]	12	1-643814-2		
NO	27.94[1.100]	11	1-643814-1		
NO	25.40[1.000]	10	1-643814-0		
NO	22.86[.900]	9	643814-9		
NO	20.32[.800]	8	643814-8		
NO	17.78[.700]	7	643814-7		
NO	15.24[.600]	6	643814-6		
NO	12.70[.500]	5	643814-5		
NO	10.16[.400]	4	643814-4		
NO	7.62[.300]	3	643814-3		
NO	5.08[.200]	2	643814-2		
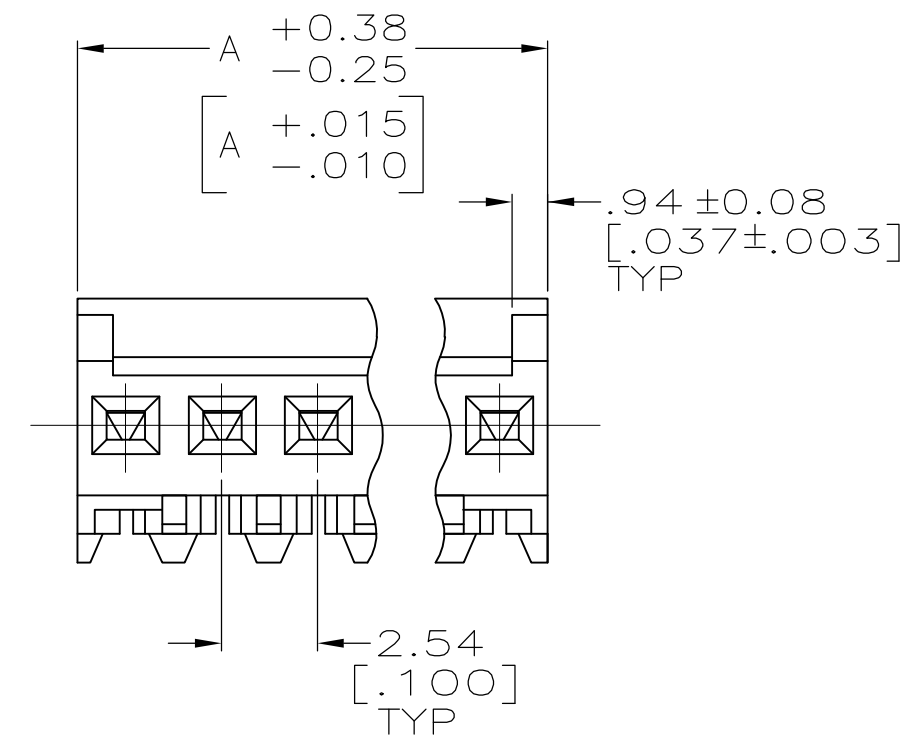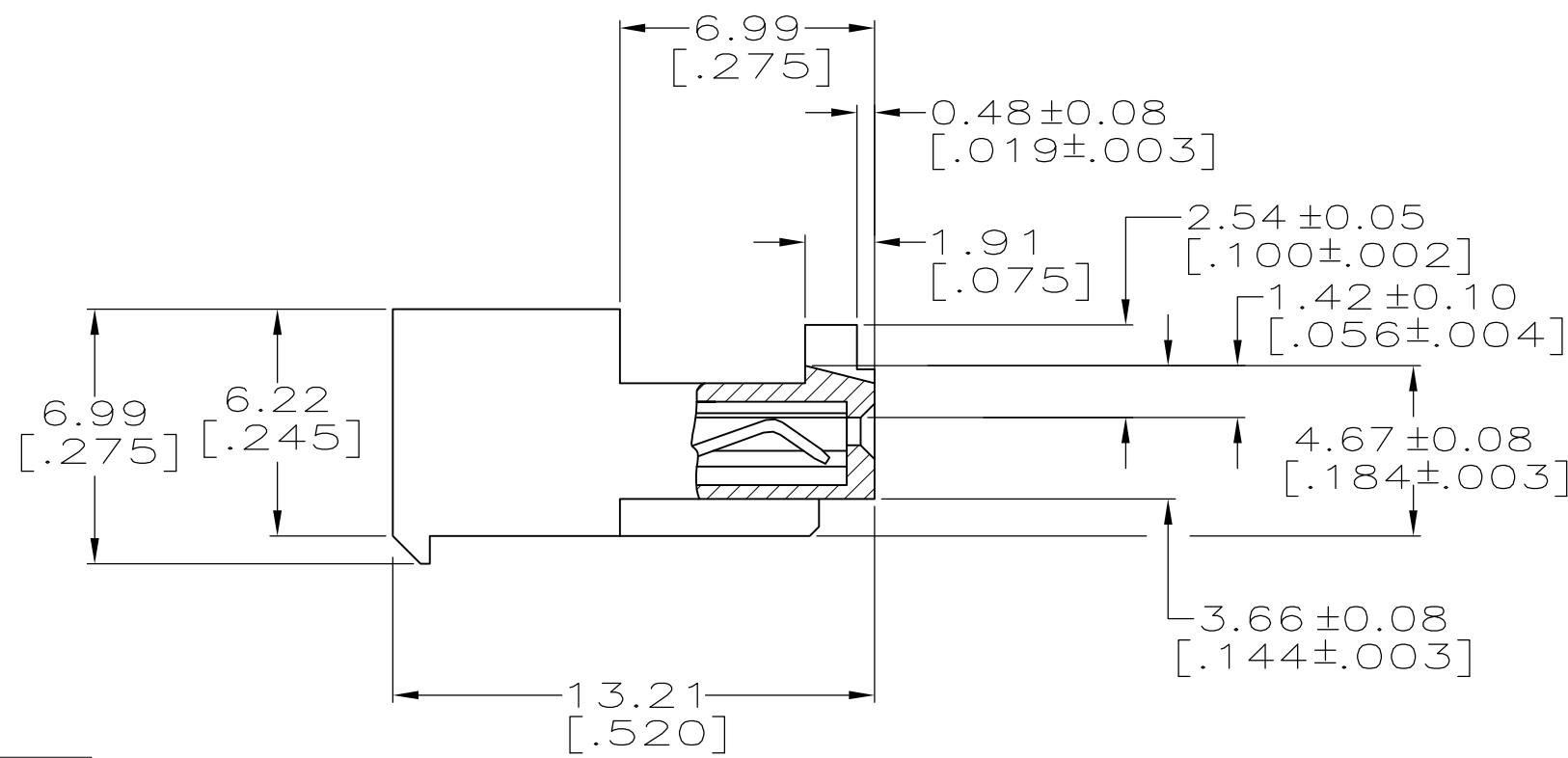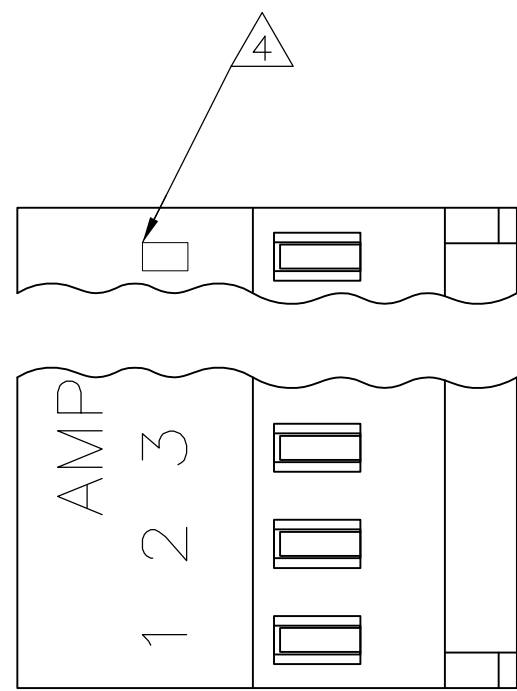
AMP 1 2 3

1 2 3

Dimensions:
6.99 [.275]
0.48±0.08 [.019±.003]
1.91 [.075]
2.54±0.05 [.100±.002]
1.42±0.10 [.056±.004]
6.99 [.275]
6.22 [.245]
4.67±0.08 [.184±.003]
3.66±0.08 [.144±.003]
13.21 [.520]

A +0.38 / -0.25
[A +.015 / -.010]
.94±0.08 [.037±.003] TYP
2.54 [.100] TYP

△1 MATERIAL: CONNECTOR – NYLON UL94V-2 (WHITE).
CONTACTS – 0.30[.012] THICK COPPER ALLOY
BRIGHT TIN-LEAD .00203[.000080] MIN THICKNESS
FOR 643814-2 THRU 2-643814-8.
MATTE WHISKER MITIGATED TIN .00203[.000080] MIN THICKNESS
OVER NICKEL UNDERPLATE FOR 3-643814-2 THRU 5-643814-8.

2. CONTACTS ACCEPT 24 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

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN	S. CARPENTER	11JUN2003
CHK	D. BOSSI	11JUN2003
APVD	D. BOSSI	11JUN2003

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

METRIC

TE Connectivity

NAME: MTA-100 CONNECTOR ASSEMBLY, 24 AWG, STANDARD

PRODUCT SPEC: 108-1050
APPLICATION SPEC: 114-1019

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-643814	—

CUSTOMER DRAWING

SCALE 5:1 | SHEET 1 OF 1 | REV J2

643814

1471-9 (3/11)

2D

Mouser Electronics

Authorized Distributor

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

[TE Connectivity](#):
  [4-643814-4](#)