

4

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2

1

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LOC

DIST

CM00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	AA	REVISED PER ECR-20-000725	20MAY2020	PC	SW

D

C

B

A

YES	71.12[2.800]	28	5-640442-8
YES	68.58[2.700]	27	5-640442-7
YES	66.04[2.600]	26	5-640442-6
YES	63.50[2.500]	25	5-640442-5
YES	60.96[2.400]	24	5-640442-4
YES	58.42[2.300]	23	5-640442-3
YES	55.88[2.200]	22	5-640442-2
YES	53.34[2.100]	21	5-640442-1
YES	50.80[2.000]	20	5-640442-0
YES	48.26[1.900]	19	4-640442-9
YES	45.72[1.800]	18	4-640442-8
YES	43.18[1.700]	17	4-640442-7
YES	40.64[1.600]	16	4-640442-6
YES	38.10[1.500]	15	4-640442-5
YES	35.56[1.400]	14	4-640442-4
YES	33.02[1.300]	13	4-640442-3
YES	30.48[1.200]	12	4-640442-2
YES	27.94[1.100]	11	4-640442-1
YES	25.40[1.000]	10	4-640442-0
YES	22.86[.900]	9	3-640442-9
YES	20.32[.800]	8	3-640442-8
YES	17.78[.700]	7	3-640442-7
YES	15.24[.600]	6	3-640442-6
YES	12.70[.500]	5	3-640442-5
YES	10.16[.400]	4	3-640442-4
YES	7.62[.300]	3	3-640442-3
YES	5.08[.200]	2	3-640442-2
NO	71.12[2.800]	28	2-640442-8
NO	68.58[2.700]	27	2-640442-7
NO	66.04[2.600]	26	2-640442-6
NO	63.50[2.500]	25	2-640442-5
NO	60.96[2.400]	24	2-640442-4
NO	58.42[2.300]	23	2-640442-3
NO	55.88[2.200]	22	2-640442-2
NO	53.34[2.100]	21	2-640442-1
NO	50.80[2.000]	20	2-640442-0
NO	48.26[1.900]	19	1-640442-9
NO	45.72[1.800]	18	1-640442-8
NO	43.18[1.700]	17	1-640442-7
NO	40.64[1.600]	16	1-640442-6
NO	38.10[1.500]	15	1-640442-5
NO	35.56[1.400]	14	1-640442-4
NO	33.02[1.300]	13	1-640442-3
NO	30.48[1.200]	12	1-640442-2
NO	27.94[1.100]	11	1-640442-1
NO	25.40[1.000]	10	1-640442-0
NO	22.86[.900]	9	640442-9
NO	20.32[.800]	8	640442-8
NO	17.78[.700]	7	640442-7
NO	15.24[.600]	6	640442-6
NO	12.70[.500]	5	640442-5
NO	10.16[.400]	4	640442-4
NO	7.62[.300]	3	640442-3
NO	5.08[.200]	2	640442-2
LEADFREE	DIM A	NO. OF CIRCUITS	PART NO.

1

2

3

AMP

1

2

3

AMP

6.99
[.275]

6.22
[.245]

6.99
[.275]

1.91
[.075]

1.42±0.10
[.056±.004]

4.67±0.08
[.184±.003]

3.66±0.08
[.144±.003]

13.21
[.520]

A

+0.38
-0.25

A

+0.015
-0.010

2.54
[.100]
TYP

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm [INCHES]

0 PLC ±

1 PLC ±

2 PLC ±

3 PLC ± 0.13 [.005]

4 PLC ±

ANGLES ±

FINISH 1

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

10JUN2003
10JUN2003
10JUN2003

PRODUCT SPEC
108-1050
APPLICATION SPEC
114-1019

WEIGHT

CUSTOMER DRAWING

TE Connectivity

NAME
MTA 100 CONNECTOR ASSEMBLY,
26 AWG, STANDARD

SIZE
A2

CAGE CODE
00779

DRAWING NO
640442

RESTRICTED TO
-

SCALE
5:1

SHEET
1 OF 1

REV
AA

1

2

3

4

5

6

7

1

MATERIAL: CONNECTOR - NYLON UL94V-2 (BLUE).
CONTACTS - 0.30[.012] THICK COPPER ALLOY
BRIGHT TIN-LEAD .00203[.000080] MIN THICKNESS
FOR 640442-2 THRU 2-640442-8.
MATTE WHISKER MITIGATED TIN .00203[.000080] MIN THICKNESS
OVER NICKEL UNDERPLATE FOR 3-640442-2 THRU 5-640442-8.

2

CONTACTS ACCEPT 26 AWG WIRE WITH 1.52[.060] MAX
INSULATION DIAMETER.

3

CONTACTS MUST ACCEPT 0.64±0.03[.025±.001]
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

640442

1471-9 (3/11)

Mouser Electronics

Authorized Distributor

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

[TE Connectivity:](#)

[640442-2](#)