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LOC
CM

DIST
00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	N2	REVISED PER ECO-11-004587	11MAR11	RK	HMR

YES	71.12	[2.800]	28	5-640441-8
YES	68.58	[2.700]	27	5-640441-7
YES	66.04	[2.600]	26	5-640441-6
YES	63.50	[2.500]	25	5-640441-5
YES	60.96	[2.400]	24	5-640441-4
YES	58.42	[2.300]	23	5-640441-3
YES	55.88	[2.200]	22	5-640441-2
YES	53.34	[2.100]	21	5-640441-1
YES	50.80	[2.000]	20	5-640441-0
YES	48.26	[1.900]	19	4-640441-9
YES	45.72	[1.800]	18	4-640441-8
YES	43.18	[1.700]	17	4-640441-7
YES	40.64	[1.600]	16	4-640441-6
YES	38.10	[1.500]	15	4-640441-5
YES	35.56	[1.400]	14	4-640441-4
YES	33.02	[1.300]	13	4-640441-3
YES	30.48	[1.200]	12	4-640441-2
YES	27.94	[1.100]	11	4-640441-1
YES	25.40	[1.000]	10	4-640441-0
YES	22.86	[.900]	9	3-640441-9
YES	20.32	[.800]	8	3-640441-8
YES	17.78	[.700]	7	3-640441-7
YES	15.24	[.600]	6	3-640441-6
YES	12.70	[.500]	5	3-640441-5
YES	10.16	[.400]	4	3-640441-4
YES	7.62	[.300]	3	3-640441-3
YES	5.08	[.200]	2	3-640441-2
NO	71.12	[2.800]	28	2-640441-8
NO	68.58	[2.700]	27	2-640441-7
NO	66.04	[2.600]	26	2-640441-6
NO	63.50	[2.500]	25	2-640441-5
NO	60.96	[2.400]	24	2-640441-4
NO	58.42	[2.300]	23	2-640441-3
NO	55.88	[2.200]	22	2-640441-2
NO	53.34	[2.100]	21	2-640441-1
NO	50.80	[2.000]	20	2-640441-0
NO	48.26	[1.900]	19	1-640441-9
NO	45.72	[1.800]	18	1-640441-8
NO	43.18	[1.700]	17	1-640441-7
NO	40.64	[1.600]	16	1-640441-6
NO	38.10	[1.500]	15	1-640441-5
NO	35.56	[1.400]	14	1-640441-4
NO	33.02	[1.300]	13	1-640441-3
NO	30.48	[1.200]	12	1-640441-2
NO	27.94	[1.100]	11	1-640441-1
NO	25.40	[1.000]	10	1-640441-0
NO	22.86	[.900]	9	640441-9
NO	20.32	[.800]	8	640441-8
NO	17.78	[.700]	7	640441-7
NO	15.24	[.600]	6	640441-6
NO	12.70	[.500]	5	640441-5
NO	10.16	[.400]	4	640441-4
NO	7.62	[.300]	3	640441-3
NO	5.08	[.200]	2	640441-2
LEADFREE	DIM A	NO. OF CIRCUITS	PART NO.	

4

AMP

1 2 3

6.99
[.275]

6.22
[.245]

1.91
[.075]

6.99
[.275]

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 +.015
-.010]

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 640441-2 THRU 2-640441-8.
MATTE WHISKER MITIGATED TIN .00203[.000080] MIN THICKNESS
OVER NICKEL UNDERPLATE FOR 3-640441-2 THRU 5-640441-8.

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.

7

OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

METRIC

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 09JUN2003

CHK
D. BOSSI 09JUN2003

APVD
D. BOSSI 09JUN2003

PRODUCT SPEC
108-1050

APPLICATION SPEC
114-1019

WEIGHT

TE Connectivity

NAME
MTA-100 CONNECTOR ASSEMBLY,
24 AWG, STANDARD

SIZE
A2

CAGE CODE
00779

DRAWING NO
C-640441

RESTRICTED TO
-

CUSTOMER DRAWING

SCALE
5:1

SHEET
1 OF 1

REV
N2

1471-9 (3/11)

2D