

4

3

2

1

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LOC

DIST

CM00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	P	REVISED PER ECR-20-000721	04MAR2020	PC	SW

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

SUPERCEDED BY 5-640441-8

NO

68.58

[2.700]

27

2-640441-7

SUPERCEDED BY 5-640441-7

NO

66.04

[2.600]

26

2-640441-6

SUPERCEDED BY 5-640441-6

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2-640441-5

SUPERCEDED BY 5-640441-5

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60.96

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NO

53.34

[2.100]

21

2-640441-1

SUPERCEDED BY 5-640441-1

NO

50.80

[2.000]

20

2-640441-0

SUPERCEDED BY 5-640441-0

NO

48.26

[1.900]

19

1-640441-9

SUPERCEDED BY 4-640441-9

NO

45.72

[1.800]

18

1-640441-8

SUPERCEDED BY 4-640441-8

NO

43.18

[1.700]

17

1-640441-7

SUPERCEDED BY 4-640441-7

NO

40.64

[1.600]

16

1-640441-6

SUPERCEDED BY 4-640441-6

NO

38.10

[1.500]

15

1-640441-5

SUPERCEDED BY 4-640441-5

NO

35.56

[1.400]

14

1-640441-4

SUPERCEDED BY 4-640441-4

NO

33.02

[1.300]

13

1-640441-3

SUPERCEDED BY 4-640441-3

NO

30.48

[1.200]

12

1-640441-2

SUPERCEDED BY 4-640441-2

NO

27.94

[1.100]

11

1-640441-1

SUPERCEDED BY 4-640441-1

NO

25.40

[1.000]

10

1-640441-0

SUPERCEDED BY 4-640441-0

NO

22.86

[.900]

9

640441-9

SUPERCEDED BY 3-640441-9

NO

20.32

[.800]

8

640441-8

SUPERCEDED BY 3-640441-8

NO

17.78

[.700]

7

640441-7

SUPERCEDED BY 3-640441-7

NO

15.24

[.600]

6

640441-6

SUPERCEDED BY 3-640441-6

NO

12.70

[.500]

5

640441-5

SUPERCEDED BY 3-640441-5

NO

10.16

[.400]

4

640441-4

SUPERCEDED BY 3-640441-4

NO

7.62

[.300]

3

640441-3

SUPERCEDED BY 3-640441-3

NO

5.08

[.200]

2

640441-2

SUPERCEDED BY 3-640441-2

LEADFREE

DIM A

NO. OF CIRCUITS

PART NO.

AMP

1

2

3

1

2

3

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

-.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

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm [INCHES]

0 PLC

1 PLC

2 PLC

3 PLC

4 PLC

±

±

±

± 0.13 [.005]

±

09JUN2003

09JUN2003

09JUN2003

APVD

D. BOSSI

PRODUCT SPEC

108-1050

APPLICATION SPEC

114-1019

MATERIAL

1

FINISH

1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN

S. CARPENTER

CHK

D. BOSSI

APVD

D. BOSSI

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

P

1471-9 (3/11)

2D

Mouser Electronics

Authorized Distributor

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

[TE Connectivity:](#)

[1-640441-7](#)