

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SUPERCEDED BY 5-640441-8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SUPERCEDED BY 5-640441-7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

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SUPERCEDED BY 5-640441-6

NO

63.50

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25

2-640441-5

SUPERCEDED BY 5-640441-5

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60.96

[2.400]

24

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SUPERCEDED BY 5-640441-4

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55.88

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2-640441-2

SUPERCEDED BY 5-640441-2

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SUPERCEDED BY 5-640441-1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SUPERCEDED BY 5-640441-0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SUPERCEDED BY 4-640441-9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SUPERCEDED BY 4-640441-8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SUPERCEDED BY 4-640441-7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SUPERCEDED BY 4-640441-6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SUPERCEDED BY 4-640441-5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SUPERCEDED BY 4-640441-4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SUPERCEDED BY 4-640441-3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 ± 0.13 [.005]  
4 PLC ±  
ANGLES ±

MATERIAL

1

TOLERANCES UNLESS  
OTHERWISE SPECIFIED:

1

FINISH

1

DWN  
S. CARPENTER  
09JUN2003

CHK  
D. BOSSI  
09JUN2003

APVD  
D. BOSSI  
09JUN2003

PRODUCT SPEC  
108-1050

APPLICATION SPEC  
114-1019

WEIGHT

CUSTOMER DRAWING

TE Connectivity

NAME  
MTA-100 CONNECTOR ASSEMBLY,  
24 AWG, STANDARD

SIZE  
A2

CAGE CODE  
00779

DRAWING NO  
640441

RESTRICTED TO  
-

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:](#)

[1-640441-4](#)