

4

3

2

1

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RELEASED FOR PUBLICATION

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LOC

DIST

REVISIONS

P

LTR

DESCRIPTION

DATE

DWN

APVD

CM

00

N1

ECO-14-010907

10SEP2014

KR

OC

1

MATERIAL: CONNECTOR-NYLON UL94V-2 (RED).
CONTACTS-0.30 [.012] THICK COPPER ALLOY 0.00038 [.000015] GOLD OR
0.00038 [.000015] TOTAL GOLD FLASH OVER PALLADIUM NICKEL, PER TE
CONNECTIVITY'S DISCRETION, IN CONTACT AREA WITH MATTE TIN FOR
641190-2 THRU 2-641190-8, MATTE WHISKER MITIGATED TIN FOR
3-641190-2 THRU 5-641190-8 OVER NICKEL UNDERPLATE.

2

CONTACTS ACCEPT 22 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

NO

60.96[2.400]

24

5-644038-4

NO

58.42[2.300]

23

5-644038-3

NO

55.88[2.200]

22

5-644038-2

NO

53.34[2.100]

21

5-644038-1

NO

50.80[2.000]

20

5-644038-0

NO

48.26[1.900]

19

4-644038-9

NO

45.72[1.800]

18

4-644038-8

NO

43.18[1.700]

17

4-644038-7

NO

40.64[1.600]

16

4-644038-6

NO

38.10[1.500]

15

4-644038-5

NO

35.56[1.400]

14

4-644038-4

NO

33.02[1.300]

13

4-644038-3

NO

30.48[1.200]

12

4-644038-2

NO

27.94[1.100]

11

4-644038-1

NO

25.40[1.000]

10

4-644038-0

NO

22.86[.900]

9

3-644038-9

NO

20.32[.800]

8

3-644038-8

NO

17.78[.700]

7

3-644038-7

NO

15.24[.600]

6

3-644038-6

NO

12.70[.500]

5

3-644038-5

NO

10.16[.400]

4

3-644038-4

NO

7.62[.300]

3

3-644038-3

NO

5.08[.200]

2

3-644038-2

AMP

1 2 3

6.99
[.275]

6.22
[.245]

13.21
[.520]

0.48±0.08
[.019±.003]

1.91
[.075]

2.54±0.05
[.100±.002]

1.42±0.10
[.056±.004]

4.67±0.08
[.184±.003]

3.66±0.08
[.144±.003]

A

+0.38
-0.25
[A
+.015
-.010]

.94±0.08
[.037±.003]
TYP

2.54
[.100]
TYP

NO

60.96[2.400]

24

2-644038-4

SUPERSEDED

7

NO

50.80[2.000]

20

2-644038-0

SUPERSEDED

7

NO

40.64[1.600]

16

1-644038-6

NO

38.10[1.500]

15

1-644038-5

NO

35.56[1.400]

14

1-644038-4

NO

33.02[1.300]

13

1-644038-3

NO

30.48[1.200]

12

1-644038-2

NO

27.94[1.100]

11

1-644038-1

NO

25.40[1.000]

10

1-644038-0

NO

22.86[.900]

9

644038-9

NO

20.32[.800]

8

644038-8

NO

17.78[.700]

7

644038-7

NO

15.24[.600]

6

644038-6

NO

12.70[.500]

5

644038-5

NO

10.16[.400]

4

644038-4

NO

7.62[.300]

3

644038-3

NO

5.08[.200]

2

644038-2

LEADFREE

DIM A

NO. OF CIRCUITS

PART NO.

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
12JUN2003

CHK
D. BOSSI
12JUN2003

APVD
D. BOSSI
12JUN2003

PRODUCT SPEC
108-1050

APPLICATION SPEC
114-1019

WEIGHT

CUSTOMER DRAWING

TE Connectivity

NAME
MTA-100 CONNECTOR ASSEMBLY,
22 AWG, STANDARD

SIZE
A2

CAGE CODE
00779

DRAWING NO
C-644038

RESTRICTED TO
-

SCALE
5:1

SHEET
1 of 1

REV
N1

1471-9 (3/11)

Mouser Electronics

Authorized Distributor

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[644038-7](#)