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LOC

DIST

REVISIONS

P

LTR

DESCRIPTION

DATE

DWN

APVD

CM

00

R1

ECO-14-010907

10SEP2014

KR

OC

YES

71.12[2.800]

28

6-644511-8

YES

68.58[2.700]

27

6-644511-7

YES

66.04[2.600]

26

6-644511-6

YES

63.50[2.500]

25

6-644511-5

YES

60.96[2.400]

24

6-644511-4

YES

58.42[2.300]

23

6-644511-3

YES

55.88[2.200]

22

6-644511-2

YES

53.34[2.100]

21

6-644511-1

YES

50.80[2.000]

20

6-644511-0

YES

48.26[1.900]

19

5-644511-9

YES

45.72[1.800]

18

5-644511-8

YES

43.18[1.700]

17

5-644511-7

YES

40.64[1.600]

16

5-644511-6

YES

38.10[1.500]

15

5-644511-5

YES

35.56[1.400]

14

5-644511-4

YES

33.02[1.300]

13

5-644511-3

YES

30.48[1.200]

12

5-644511-2

YES

27.94[1.100]

11

5-644511-1

YES

25.40[1.000]

10

5-644511-0

YES

22.86[.900]

9

4-644511-9

YES

20.32[.800]

8

4-644511-8

YES

17.78[.700]

7

4-644511-7

YES

15.24[.600]

6

4-644511-6

YES

12.70[.500]

5

4-644511-5

YES

10.16[.400]

4

4-644511-4

YES

7.62[.300]

3

4-644511-3

YES

5.08[.200]

2

4-644511-2

YES

12.70[.500]

5

3-644511-5

NO

71.12[2.800]

28

2-644511-8

NO

68.58[2.700]

27

2-644511-7

NO

66.04[2.600]

26

2-644511-6

NO

63.50[2.500]

25

2-644511-5

NO

60.96[2.400]

24

2-644511-4

NO

58.42[2.300]

23

2-644511-3

NO

55.88[2.200]

22

2-644511-2

NO

53.34[2.100]

21

2-644511-1

NO

50.80[2.000]

20

2-644511-0

NO

48.26[1.900]

19

1-644511-9

NO

45.72[1.800]

18

1-644511-8

NO

43.18[1.700]

17

1-644511-7

NO

40.64[1.600]

16

1-644511-6

NO

38.10[1.500]

15

1-644511-5

NO

35.56[1.400]

14

1-644511-4

NO

33.02[1.300]

13

1-644511-3

NO

30.48[1.200]

12

1-644511-2

NO

27.94[1.100]

11

1-644511-1

NO

25.40[1.000]

10

1-644511-0

NO

22.86[.900]

9

644511-9

NO

20.32[.800]

8

644511-8

NO

17.78[.700]

7

644511-7

NO

15.24[.600]

6

644511-6

NO

12.70[.500]

5

644511-5

NO

10.16[.400]

4

644511-4

NO

7.62[.300]

3

644511-3

NO

5.08[.200]

2

644511-2

LEADFREE

DIM A

NO. OF CIRCUITS

PART NO.

1

MATERIAL: CONNECTOR - NYLON UL94-V2 (RED)
CONTACTS - 0.30[.012] THICK COPPER ALLOY
BRIGHT TIN-LEAD 0.00203[.000080] MIN. THICK
FOR CONTACTS 644511-2 THRU 2-644511-8.
MATTE WHISKER MITIGATED TIN PLATE 0.00203[.000080] MIN. THICK
OVER NICKEL UNDERPLATE FOR CONTACTS 3-644511-5 AND 4-644511-2
THRU 6-644511-8.

2

CONTACTS ACCEPT 22 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 AND POLARIZING TAB.

7

PARTS TO BE PACKAGED ON CORRUGATED PLASTIC REEL.

8

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

AMP

1 2 3

AMP

1 2 3

CONNECTOR ASSEMBLY

TAPE

6.99
[.275]

0.48±0.08
[.019±.003]

2.54±0.05
[.100±.002]

1.91
[.075]

1.42±0.10
[.056±.004]

4.67±0.08
[.184±.003]

3.66±0.08
[.144±.003]

13.21
[.520]

6.22
[.245]

A

+0.38
-0.25

A

+0.015
-0.010

2.54
[.100]

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 ±

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

1

1

MATERIAL

FINISH

DWN
S. CARPENTER
08AUG2003

CHK
D. BOSSI
08AUG2003

APVD
D. BOSSI
08AUG2003

PRODUCT SPEC
108-1050

APPLICATION SPEC
114-1019

WEIGHT

CUSTOMER DRAWING

TE

TE Connectivity

NAME

MTA-100 CONNECTOR ASSEMBLY,
22 AWG, STANDARD, TAPE MOUNTED

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A2

00779

C=644511

-

SCALE

SHEET

REV

5:1

1 of 1

R1

1471-9 (3/11)

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[644511-9](#)