

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

25AUG2014

KR

OC

YES

71.12

2.800

28

5-640440-8

YES

68.58

2.700

27

5-640440-7

YES

66.04

2.600

26

5-640440-6

YES

63.50

2.500

25

5-640440-5

YES

60.96

2.400

24

5-640440-4

YES

58.42

2.300

23

5-640440-3

YES

55.88

2.200

22

5-640440-2

YES

53.34

2.100

21

5-640440-1

YES

50.80

2.000

20

5-640440-0

YES

48.26

1.900

19

4-640440-9

YES

45.72

1.800

18

4-640440-8

YES

43.18

1.700

17

4-640440-7

YES

40.64

1.600

16

4-640440-6

YES

38.10

1.500

15

4-640440-5

YES

35.56

1.400

14

4-640440-4

YES

33.02

1.300

13

4-640440-3

YES

30.48

1.200

12

4-640440-2

YES

27.94

1.100

11

4-640440-1

YES

25.40

1.000

10

4-640440-0

YES

22.86

.900

9

3-640440-9

YES

20.32

.800

8

3-640440-8

YES

17.78

.700

7

3-640440-7

YES

15.24

.600

6

3-640440-6

YES

12.70

.500

5

3-640440-5

YES

10.16

.400

4

3-640440-4

YES

7.62

.300

3

3-640440-3

YES

5.08

.200

2

3-640440-2

NO

71.12

2.800

28

2-640440-8

SUP BY 5-640440-8

NO

68.58

2.700

27

2-640440-7

SUP BY 5-640440-7

NO

66.04

2.600

26

2-640440-6

NO

63.50

2.500

25

2-640440-5

SUP BY 5-640440-5

NO

60.96

2.400

24

2-640440-4

NO

58.42

2.300

23

2-640440-3

OBSOLETE

NO

55.88

2.200

22

2-640440-2

SUP BY 5-640440-2

NO

53.34

2.100

21

2-640440-1

NO

50.80

2.000

20

2-640440-0

NO

48.26

1.900

19

1-640440-9

NO

45.72

1.800

18

1-640440-8

NO

43.18

1.700

17

1-640440-7

NO

40.64

1.600

16

1-640440-6

NO

38.10

1.500

15

1-640440-5

NO

35.56

1.400

14

1-640440-4

NO

33.02

1.300

13

1-640440-3

NO

30.48

1.200

12

1-640440-2

NO

27.94

1.100

11

1-640440-1

NO

25.40

1.000

10

1-640440-0

NO

22.86

.900

9

640440-9

NO

20.32

.800

8

640440-8

NO

17.78

.700

7

640440-7

NO

15.24

.600

6

640440-6

NO

12.70

.500

5

640440-5

NO

10.16

.400

4

640440-4

NO

7.62

.300

3

640440-3

NO

5.08

.200

2

640440-2

LEADFREE

DIM A

NO. OF CIRCUITS

PART NO.

1

MATERIAL: CONNECTOR - NYLON UL94V-2 (RED).
CONTACTS - 0.30[.012] THICK COPPER ALLOY
BRIGHT TIN-LEAD .00203[.000080] MIN THICKNESS
FOR 640440-2 THRU 2-640440-8.
MATTE WHISKER MITIGATED TIN .00203[.000080] MIN THICKNESS OVER
NICKEL UNDERPLATE FOR 3-640440-2 THRU 5-640440-8.

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.

7

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

AMP

1

2

3

6.99

[.275]

6.22

[.245]

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

+0.15

-0.10

2.54

[.100]

TYP

METRIC

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
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

108-1050

114-1019

WEIGHT

CUSTOMER DRAWING

TE Connectivity

MTA 100 CONNECTOR ASSEMBLY,
22 AWG, STANDARD

SIZE
A2

CAGE CODE
00779

DRAWING NO
C-640440

RESTRICTED TO
-

SCALE
5:1

SHEET
1 OF 1

REV
N1

1471-9 (3/11)