

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

G3REVISED PER ECO-11-01411714JUL11HMRSM

YES

71.12[2.800]

28

5-643815-8

YES

68.58[2.700]

27

5-643815-7

YES

66.04[2.600]

26

5-643815-6

YES

63.50[2.500]

25

5-643815-5

YES

60.96[2.400]

24

5-643815-4

YES

58.42[2.300]

23

5-643815-3

YES

55.88[2.200]

22

5-643815-2

YES

53.34[2.100]

21

5-643815-1

YES

50.80[2.000]

20

5-643815-0

YES

48.26[1.900]

19

4-643815-9

YES

45.72[1.800]

18

4-643815-8

YES

43.18[1.700]

17

4-643815-7

YES

40.64[1.600]

16

4-643815-6

YES

38.10[1.500]

15

4-643815-5

YES

35.56[1.400]

14

4-643815-4

YES

33.02[1.300]

13

4-643815-3

YES

30.48[1.200]

12

4-643815-2

YES

27.94[1.100]

11

4-643815-1

YES

25.40[1.000]

10

4-643815-0

YES

22.86[.900]

9

3-643815-9

YES

20.32[.800]

8

3-643815-8

YES

17.78[.700]

7

3-643815-7

YES

15.24[.600]

6

3-643815-6

YES

12.70[.500]

5

3-643815-5

YES

10.16[.400]

4

3-643815-4

YES

7.62[.300]

3

3-643815-3

YES

5.08[.200]

2

3-643815-2

NO

71.12[2.800]

28

2-643815-8

SUPERSEDED BY 5-643815-8

NO

68.58[2.700]

27

2-643815-7

SUPERSEDED BY 5-643815-7

NO

66.04[2.600]

26

2-643815-6

SUPERSEDED BY 5-643815-6

NO

63.50[2.500]

25

2-643815-5

SUPERSEDED BY 5-643815-5

NO

60.96[2.400]

24

2-643815-4

OBSOLETE

NO

58.42[2.300]

23

2-643815-3

SUPERSEDED BY 5-643815-3

NO

55.88[2.200]

22

2-643815-2

SUPERSEDED BY 5-643815-2

NO

53.34[2.100]

21

2-643815-1

SUPERSEDED BY 5-643815-1

NO

50.80[2.000]

20

2-643815-0

NO

48.26[1.900]

19

1-643815-9

SUPERSEDED BY 4-643815-9

NO

45.72[1.800]

18

1-643815-8

SUPERSEDED BY 4-643815-8

NO

43.18[1.700]

17

1-643815-7

OBSOLETE

NO

40.64[1.600]

16

1-643815-6

NO

38.10[1.500]

15

1-643815-5

SUPERSEDED BY 4-643815-5

NO

35.56[1.400]

14

1-643815-4

NO

33.02[1.300]

13

1-643815-3

SUPERSEDED BY 4-643815-3

NO

30.48[1.200]

12

1-643815-2

SUPERSEDED BY 4-643815-2

NO

27.94[1.100]

11

1-643815-1

NO

25.40[1.000]

10

1-643815-0

NO

22.86[.900]

9

643815-9

NO

20.32[.800]

8

643815-8

NO

17.78[.700]

7

643815-7

NO

15.24[.600]

6

643815-6

NO

12.70[.500]

5

643815-5

NO

10.16[.400]

4

643815-4

NO

7.62[.300]

3

643815-3

NO

5.08[.200]

2

643815-2

LEADFREE

DIM A

NO. OF CIRCUITS

PART NO.

4

AMP

1

2

3

6.99
[.275]

6.22
[.245]

6.99
[.275]

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

1

MATERIAL: CONNECTOR - NYLON UL94V-2 (BLUE).
CONTACTS - 0.30[.012] THICK COPPER ALLOY
BRIGHT TIN-LEAD .00203[.000080] MIN THICKNESS
FOR 643815-2 THRU 2-643815-8.
MATTE WHISKER MITIGATED TIN .00203[.000080] MIN THICKNESS
OVER NICKEL UNDERPLATE FOR 3-643815-2 THRU 5-643815-8.

2.

CONTACTS ACCEPT 26 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

METRIC

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm [INCHES]

0

PLC

±

1

PLC

±

2

PLC

±

3

PLC

±

4

PLC

±

ANGLES

±

FINISH

1

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

±

±

±

±

±

0.13 [.005]

±

MATERIAL

1

DWN
S. CARPENTER
11JUN2003

CHK
D. BOSSI
11JUN2003

APVD
D. BOSSI
11JUN2003

PRODUCT SPEC
108-1050

APPLICATION SPEC
114-1019

WEIGHT

CUSTOMER DRAWING

TE

TE Connectivity

NAME

MTA 100 CONNECTOR ASSEMBLY,
26 AWG, STANDARD

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A2

00779

C=643815

-

SCALE

SHEET

REV

5:1

1 of 1

G3

1471-9 (3/11)