

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

© COPYRIGHT - By - TE CONNECTIVITY

ALL RIGHTS RESERVED.

LOC

DIST

REVISIONS

P

LTR

DESCRIPTION

DATE

DWN

APVD

CM

OO

P1

ECO-14-012257

12SEP2014

KR

OC

4

AMP

3

2

1

1

2

3

6.22
[.245]

1.19±0.15
[.047±.006]

4.57±0.30
[.180±.012]

1.27±0.20
[.050±.008]

18.42
[.725]

9.02
[.355]

8.26
[.325]

A ±0.38
-0.25

A ±.015
-.010

3.96
[.156]
TYP

1

2

3

4

5

6

7

MATERIAL: CONNECTOR - NYLON UL94-V2 (ORANGE).
CONTACTS - 0.30 [.012] THICK COPPER ALLOY
(BRIGHT TIN-LEAD 0.00203 [.000080] MIN. THICK
FOR CONTACTS 640431-2 THRU 2-640431-4).
(MATTE WHISKER MITIGATED TIN 0.00203 [.000080] MIN. THICK
FOR CONTACTS 3-640431-2 THRU 5-640431-4).

CONTACTS ACCEPT 18 AWG WIRE WITH 2.41 [.095] MAX
INSULATION DIAMETER.

CONTACTS MUST ACCEPT 1.14±0.03 [.045±.001]
POST AND REMAIN LOCKED IN POSITION.

IDENTIFICATION NUMBER FOR LAST CIRCUIT MAY
NOT APPEAR ON ALL ASSEMBLIES.

DIMENSIONS IN BRACKETS ARE IN INCHES.

HOUSING FEATURES ARE: CLOSED END WITH LOCKING
RAMP.

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

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm [INCHES]

0

1

2

3

4

PLC

PLC

PLC

PLC

PLC

± -

± -

± -

± 0.13 [.005]

± -

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

± -

± -

± -

± 0.13 [.005]

± -

09JUL2003

S. CARPENTER

09JUL2003

D. BOSSI

09JUL2003

D. BOSSI

PRODUCT SPEC

108-1051

APPLICATION SPEC

114-1020

WEIGHT

-

CUSTOMER DRAWING

09JUL2003

S. CARPENTER

09JUL2003

D. BOSSI

09JUL2003

D. BOSSI

PRODUCT SPEC

108-1051

APPLICATION SPEC

114-1020

WEIGHT

-

CUSTOMER DRAWING

TE

TE Connectivity

NAME

MTA 156 CONNECTOR ASSEMBLY,
18 AWG, STANDARD

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A2

00779

C-640431

-

SCALE

SHEET

REV

4:1

1 of 1

P1

95.10[3.744]

24

5-640431-4

91.13[3.588]

23

5-640431-3

87.17[3.432]

22

5-640431-2

83.21[3.276]

21

5-640431-1

79.25[3.120]

20

5-640431-0

75.29[2.964]

19

4-640431-9

71.32[2.808]

18

4-640431-8

67.36[2.652]

17

4-640431-7

63.40[2.496]

16

4-640431-6

59.44[2.340]

15

4-640431-5

55.47[2.184]

14

4-640431-4

51.51[2.028]

13

4-640431-3

47.55[1.872]

12

4-640431-2

43.59[1.716]

11

4-640431-1

39.62[1.560]

10

4-640431-0

35.66[1.404]

9

3-640431-9

31.70[1.248]

8

3-640431-8

27.74[1.092]

7

3-640431-7

23.77[.936]

6

3-640431-6

19.81[.780]

5

3-640431-5

15.85[.624]

4

3-640431-4

11.89[.468]

3

3-640431-3

7.92[.312]

2

3-640431-2

DIM A

NO. OF CIRCUITS

PART NO.

24

2-640431-4

23

2-640431-3

22

2-640431-2

21

2-640431-1

20

2-640431-0

19

1-640431-9

18

1-640431-8

17

1-640431-7

16

1-640431-6

15

1-640431-5

14

1-640431-4

13

1-640431-3

12

1-640431-2

11

1-640431-1

10

1-640431-0

9

640431-9

8

640431-8

7

640431-7

6

640431-6

5

640431-5

4

640431-4

3

640431-3

2

640431-2

640431

METRIC

1471-9 (3/11)