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LOC

DIST

REVISIONS

P

LTR

DESCRIPTION

DATE

DWN

APVD

CM

54

D1

ECO-14-012257

04NOV2014

KR

OC

1

MATERIAL: CONNECTOR - NYLON UL94V-2 (ORANGE).
CONTACTS - 0.30 [.012] THICK COPPER ALLOY
(BRIGHT-TIN LEAD 0.00203
[.000080] MIN THK FOR CONTACTS
644461-2 THRU 1-644461-4, MATTE
WHISKER MITIGATED TIN 0.00203 [.000080]
MIN THICK FOR CONTACTS 3-644461-2
THRU 4-644461-4)

2

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

3

CONTACTS MUST ACCEPT 1.14±0.03 [.045±.001] SQUARE
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 WITHOUT
LOCKING RAMP AND WITH POLARIZING TAB.3

7

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

AMP

1

2

3

6.22
[.245]

2.54
[.100]

0.48±0.08
[.019±.003]

3.18±0.05
[.125±.002]

4.57±0.15
[.180±.006]

1.27±0.20
[.050±.008]

18.42
[.725]

9.02
[.355]

8.26
[.325]

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

1.57±0.08
[.062±.003]
TYP

3.96
[.156] TYP

7

SUPERCEDED

55.47 [2.184]

14

4-644461-4

7

OBSOLETE

51.51 [2.028]

13

4-644461-3

7

SUPERCEDED

47.55 [1.872]

12

4-644461-2

7

SUPERCEDED

43.59 [1.716]

11

4-644461-1

7

SUPERCEDED

39.62 [1.560]

10

4-644461-0

7

SUPERCEDED

35.66 [1.404]

9

3-644461-9

7

SUPERCEDED

31.70 [1.248]

8

3-644461-8

7

SUPERCEDED

27.74 [1.092]

7

3-644461-7

7

SUPERCEDED

23.77 [.936]

6

3-644461-6

7

SUPERCEDED

19.81 [.780]

5

3-644461-5

7

SUPERCEDED

15.85 [.624]

4

3-644461-4

7

SUPERCEDED

11.89 [.468]

3

3-644461-3

7

SUPERCEDED

7.92 [.312]

2

3-644461-2

7

SUPERCEDED

55.47 [2.184]

14

1-644461-4

7

OBSOLETE

51.51 [2.028]

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SUPERCEDED

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4

644461-4

7

SUPERCEDED

11.89 [.468]

3

644461-3

7

SUPERCEDED

7.92 [.312]

2

644461-2

DIM A

NO. OF
CIRCUITS

PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN
B. LEWIS
12FEB91

CHK
R. SWING
12FEB91

APVD
D.R. CLARK
20FEB91

DIMENSIONS:
mm [INCHES]

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC ± -
1 PLC ± -
2 PLC ± -
3 PLC ± -
4 PLC ± -
ANGLES ± -
FINISH

1

1

PRODUCT SPEC
108-1051

APPLICATION SPEC
114-1020

WEIGHT
-

CUSTOMER DRAWING

NAME
MTA 156 CONNECTOR ASSEMBLY,
18 AWG, STANDARD

SIZE
A2

CAGE CODE
00779

DRAWING NO
C-644461

RESTRICTED TO
-

SCALE
4:1

SHEET
1 OF 1

REV
D1

METRIC