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LOC

DIST

REVISIONS

P

LTR

DESCRIPTION

DATE

DWN

APVD

CM

00

E

REVISION PER ECO-07-003728

23FEB07

KW

DB

E1

REVISED PER ECO-10-000443

15JAN10

KK

AEG

AMP

1

2

3

1

2

3

4

6.99
[.275]

6.22
[.245]

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]

6.99
[.275]

A +0.38
-0.25

A +.015
-.010

0.94±0.08
[.037±.003]
TYP

2.54
[.100]
TYP

1

MATERIAL: CONNECTOR-NYLON UL94V-0 (BLACK).
CONTACTS-0.30 [.012] THICK COPPER ALLOY
BRIGHT TIN-LEAD 0.00203 [.000080] MIN THICK FOR CONTACTS
644313-2 THRU 1-644313-5
MATTE WHISKER MITIGATED TIN PLATE 0.00203 [.000080]MIN THICK
OVER 0.00076 [.000030] MIN THICK NICKEL FOR CONTACTS
3-644313-2 THRU 4-644313-5.

2. CONTACTS ACCEPT 26 AWG WIRE WITH 1.52 [.060] MAX
INSULATION DIAMETER.

3. CONTACTS MUST ACCEPT 0.64±0.03 [.025±.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 WITH
LOCKING RAMP AND WITH POLARIZING TAB.

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

LEAD FREE

LEAD

CONTAINS

38.10 [1.500]

35.56 [1.400]

33.02 [1.300]

30.48 [1.200]

27.94 [1.100]

25.40 [1.000]

22.86 [.900]

20.32 [.800]

17.78 [.700]

15.24 [.600]

12.70 [.500]

10.16 [.400]

7.62 [.300]

5.08 [.200]

15

14

13

12

11

10

9

8

7

6

5

4

3

2

4-644313-5

4-644313-4

4-644313-3

4-644313-2

4-644313-1

4-644313-0

3-644313-9

3-644313-8

3-644313-7

3-644313-6

3-644313-5

3-644313-4

3-644313-3

3-644313-2

SUPERSD BY 4-644313-5

SUPERSD BY 4-644313-4

SUPERSD BY 4-644313-3

SUPERSD BY 4-644313-2

SUPERSD BY 4-644313-1

SUPERSD BY 4-644313-0

SUPERSD BY 3-644313-9

SUPERSD BY 3-644313-8

SUPERSD BY 3-644313-7

SUPERSD BY 3-644313-6

SUPERSD BY 3-644313-5

SUPERSD BY 3-644313-4

SUPERSD BY 3-644313-2

DIM A

NO.OF
POSN

ASSEMBLY

METRIC

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm [INCHES]

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

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

MATERIAL

1

DWN 06-DEC-2004
S. HOOVER
CHK 03-DEC-2004
D. BOSSI
APVD 03-DEC-2004
D. BOSSI
PRODUCT SPEC
108-1050
APPLICATION SPEC
114-1019
WEIGHT
CUSTOMER DRAWING

Tyco
Electronics

Tyco Electronics Corporation
Harrisburg, Pa 17105-3608

NAME
MTA .100 CONNECTOR ASSEMBLY
26 AWG, UL94V-0, SPECIAL

SIZE A2
CAGE CODE 00779
DRAWING NO C=644313
RESTRICTED TO

SCALE 5:1
SHEET 1 OF 1
REV E1

AMP 1471-9 REV 31MAR2000

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[4-644313-3](#)