

8

7

6

5

4

3

2

1

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TE Connectivity Ltd.

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REVISIONS

P	LTR	DESCRIPTION	DATE	OWN	APVD
	D2	REVISED PER ECR-17-018813	08FEB2018	BDA	SG

1

MATERIAL:

CONNECTOR-NYLON UL94V-2 (WHITE).
CONTACTS-0.30 [.012] THICK COPPER ALLOY
BRIGHT TIN-LEAD 0.00203 [.000080] MINIMUM THICK FOR CONTACTS
644795-2 THRU 644795-3,
MATTE WHISKER MITIGATED TIN PLATE 0.00203 [.000080] MINIMUM THICK OVER
NICKEL UNDERPLATE FOR CONTACTS 3-644795-2 THRU 3-644795-3.

2.

CONTACTS ACCEPT 24 AWG WIRE WITH 1.52 [.060] MAXIMUM INSULATION DIAMETER.

3.

CONTACTS MUST ACCEPT 0.36-0.51 [.014-.020] SQUARE OR ROUND POST AND
REMAINED 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, POLARIZING TAB
AND WITH LED CONTACT.

7

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

8

OBSOLETE PARTS

4

AMP

1 2 3

6.99
[.275]

6.22
[.245]

13.47
[.530]

6.99
[.275]

1.91
[.075]

0.48±0.08
[.019±.003]

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

0.94±0.08
[.037±.003]
TYP

2.54
[.100]
TYP

7

SUPERSEDED

7.62 [.300]

3

-644795-3

8

SUPERSEDED

5.08 [.200]

2

-644795-2

DIM A

NO.OF POSN

ASSEMBLY

CONTAINS LEAD

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm [INCHES]

0 PLC ±
1 PLC ±
2 PLC ± 0.13 [.005]
3 PLC ±
4 PLC ±
ANGLES ±
FINISH 1

DWN S. HOOVER 10-DEC-2004
CHK D. BOSSI 10-DEC-2004
APVD D. BOSSI 10-DEC-2004

NAME
MTA-100 CONNECTOR ASSEMBLY,
24 AWG, FOR .014 TO .020 POST, SPECIAL

PRODUCT SPEC
108-1050
APPLICATION SPEC
114-1019

SIZE
A1

CAGE CODE
00779

DRAWING NO
644795

RESTRICTED TO

CUSTOMER DRAWING

SCALE 6:1

SHEET 1 OF 1

REV D2

4805 (1/15)