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LOC

DIST

CM00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	J	REVISED PER ECR-20-000824	29MAY2020	PC	SW

4

AMP

3

2

1

0.48±0.08
[.019±.003]

3.18±0.05
[.125±.002]

2.46±0.15
[.097±.006]

5.84±0.30
[.230±.012]

1.27±0.20
[.050±.008]

18.42
[.725]

A ±0.38
A ±.015
- .010

1.57±0.08
[.062±.003]
TYP

3.96
[.156]
TYP

1 MATERIAL: CONNECTOR — NYLON UL94-V2 (WHITE)
CONTACTS — 0.30[.012] THICK COPPER ALLOY
(BRIGHT TIN-LEAD 0.00203[.000080] MIN. THICK
FOR CONTACTS 643820-2 THRU 2-643820-4).
(MATTE WHISKER MITIGATED TIN 0.00203[.000080] MIN.
THICKNESS OVER NICKEL UNDERPLATE FOR
3-643820-2 THRU 5-643820-4).

2. CONTACTS ACCEPT 24 AWG WIRE WITH 2.41[.095] MAX
INSULATION DIAMETER.

3. CONTACTS MUST ACCEPT 1.14±0.03[.045±.001]
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 POLARIZING TAB.

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

8 OBSOLETE PARTS

95.10[3.744]	24	5-643820-4
91.13[3.588]	23	5-643820-3
87.17[3.432]	22	5-643820-2
83.21[3.276]	21	5-643820-1
79.25[3.120]	20	5-643820-0
75.29[2.964]	19	4-643820-9
71.32[2.808]	18	4-643820-8
67.36[2.652]	17	4-643820-7
63.40[2.496]	16	4-643820-6
59.44[2.340]	15	4-643820-5
55.47[2.184]	14	4-643820-4
51.51[2.028]	13	4-643820-3
47.55[1.872]	12	4-643820-2
43.59[1.716]	11	4-643820-1
39.62[1.560]	10	4-643820-0
35.66[1.404]	9	3-643820-9
31.70[1.248]	8	3-643820-8
27.74[1.092]	7	3-643820-7
23.77[.936]	6	3-643820-6
19.81[.780]	5	3-643820-5
15.85[.624]	4	3-643820-4
11.89[.468]	3	3-643820-3
7.92[.312]	2	3-643820-2

△ SUPERSEDED BY 5-643820-4	95.10[3.744]	24	2-643820-4
△ SUPERSEDED BY 5-643820-3	91.13[3.588]	23	2-643820-3
△ SUPERSEDED BY 5-643820-2	87.17[3.432]	22	2-643820-2
△ SUPERSEDED BY 5-643820-1	83.21[3.276]	21	2-643820-1
△ SUPERSEDED BY 5-643820-0	79.25[3.120]	20	2-643820-0
△ SUPERSEDED BY 4-643820-9	75.29[2.964]	19	1-643820-9
△ SUPERSEDED BY 4-643820-8	71.32[2.808]	18	1-643820-8
△ SUPERSEDED BY 4-643820-7	67.36[2.652]	17	1-643820-7
△ SUPERSEDED BY 4-643820-6	63.40[2.496]	16	1-643820-6
△ SUPERSEDED BY 4-643820-5	59.44[2.340]	15	1-643820-5
△ SUPERSEDED BY 4-643820-4	55.47[2.184]	14	1-643820-4
△ SUPERSEDED BY 4-643820-3	51.51[2.028]	13	1-643820-3
△ SUPERSEDED BY 4-643820-2	47.55[1.872]	12	1-643820-2
△ SUPERSEDED BY 4-643820-1	43.59[1.716]	11	1-643820-1
	OBSOLETE	39.62[1.560]	1-643820-0
8 SUPERSEDED BY 3-643820-9	35.66[1.404]	9	-643820-9-
8 SUPERSEDED BY 3-643820-8	31.70[1.248]	8	-643820-8-
8 SUPERSEDED BY 3-643820-7	27.74[1.092]	7	-643820-7-
8 SUPERSEDED BY 3-643820-6	23.77[.936]	6	-643820-6-
8 SUPERSEDED BY 3-643820-5	19.81[.780]	5	-643820-5-
8 SUPERSEDED BY 3-643820-4	15.85[.624]	4	-643820-4-
8 SUPERSEDED BY 3-643820-3	11.89[.468]	3	-643820-3-
8 SUPERSEDED BY 3-643820-2	7.92[.312]	2	-643820-2-

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm [INCHES]

0 PLC ± -

1 PLC ± -

2 PLC ± -

3 PLC ± 0.13 [.005]

4 PLC ± -

ANGLES ± -

FINISH 1

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC ± -

1 PLC ± -

2 PLC ± -

3 PLC ± 0.13 [.005]

4 PLC ± -

ANGLES ± -

FINISH 1

MATERIAL 1

1

DWN 09JUL2003
S. CARPENTER

CHK 09JUL2003
D. BOSSI

APVD 09JUL2003
D. BOSSI

PRODUCT SPEC
108-1051

APPLICATION SPEC
114-1020

WEIGHT

CUSTOMER DRAWING

TE Connectivity

NAME
MTA 156 CONNECTOR ASSEMBLY,
24 AWG, STANDARD

SIZE A2

CAGE CODE 00779

DRAWING NO
C=643820

RESTRICTED TO
-

SCALE 4:1

SHEET 1 OF 1

REV J

1471-9 (3/11)