

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

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LOC

DIST

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	K	REVISED PER ECO-11-013373	15JUL11	HMR	SM
	L	ECR-13-008537	16SEP13	M.T	D.Z

④

NO

71.12[2.800]

28

5-644020-8

④

NO

68.58[2.700]

27

5-644020-7

④

NO

66.04[2.600]

26

5-644020-6

④

NO

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④

NO

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④

NO

58.42[2.300]

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④

NO

55.88[2.200]

22

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④

NO

53.34[2.100]

21

5-644020-1

④

NO

50.80[2.000]

20

5-644020-0

④

NO

48.26[1.900]

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45.72[1.800]

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48.26[1.900]

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7.62[.300]

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644020-3

NO

5.08[.200]

2

644020-2

LEADFREE

DIM A

NO. OF CIRCUITS

PART NO.

④

①

MATERIAL: CONNECTOR-NYLON UL94V-2 (WHITE).
CONTACTS-0.30 [.012] THICK COPPER ALLOY
0.00076 [.000030] GOLD OR 0.00076[.000030]
TOTAL GOLD FLASH OVER PALLADIUM NICKEL,
PER TE CONNECTIVITY'S DISCRETION, IN CONTACT
AREA WITH MATTE TIN FOR 644020-2 THRU
2-644020-8, MATTE WHISKER MITIGATED TIN
FOR 3-644020-2 THRU 5-644020-8 OVER
NICKEL UNDERPLATE.

2

CONTACTS ACCEPT 24 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

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

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:

①

MATERIAL

①

DWN
S. CARPENTER
12JUN2003

CHK
D. BOSSI
12JUN2003

APVD
D. BOSSI
12JUN2003

PRODUCT SPEC
108-1050

APPLICATION SPEC
114-1019

WEIGHT

TE Connectivity

NAME
MTA-100 CONNECTOR ASSEMBLY,
24 AWG, STANDARD

SIZE
A2

CAGE CODE
00779

DRAWING NO
C=644020

RESTRICTED TO
-

CUSTOMER DRAWING

SCALE
5:1

SHEET
1 of 1

REV
L

④

NO

71.12[2.800]

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5-644020-8

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53.34[2.100]

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2-644020-1

SUPERSEDED BY 5-644020-1

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NO

50.80[2.000]

20

2-644020-0

SUPERSEDED BY 5-644020-0

7

NO

48.26[1.900]

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1-644020-9

SUPERSEDED BY 4-644020-9

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25.40[1.000]

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1-644020-0

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22.86[.900]

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644020-9

NO

20.32[.800]

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644020-8

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644020-5

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644020-3

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2

644020-2

LEADFREE

DIM A

NO. OF CIRCUITS

PART NO.

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

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TOLERANCES UNLESS
OTHERWISE SPECIFIED:

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MATERIAL

①

DWN
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CHK
D. BOSSI
12JUN2003

APVD
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12JUN2003

PRODUCT SPEC
108-1050

APPLICATION SPEC
114-1019

WEIGHT

TE Connectivity

NAME
MTA-100 CONNECTOR ASSEMBLY,
24 AWG, STANDARD

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CAGE CODE
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DRAWING NO
C=644020

RESTRICTED TO
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CUSTOMER DRAWING

SCALE
5:1

SHEET
1 of 1

REV
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38.10[1.500]

15

4-644020-5

④

NO

3

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[644020-2](#)