

LOC	DIST	REVISIONS					
CM	00	P	LTR	DESCRIPTION	DATE	OWN	APVD
			K	REVISED PER ECO-11-013373	15JUL11	HMR	SM
			L	ECR-13-008537	16SEP13	M.T	D.Z

Technical drawing of a mechanical part with dimensions in inches and millimeters. The drawing shows a cross-section of a component with various features and dimensions.

Dimensions (Inches / Millimeters):

- 6.99 [.275]
- 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]
- 13.21 [.520]
- 6.22 [.245]
- 6.99 [.275]




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 $\pm$.001] SQUARE
POST AND REMAIN LOCKED IN POSITION.



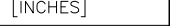
IDENTIFICATION NUMBER FOR LAST CIRCUIT MAY NOT
APPEAR ON ALL ASSEMBLIES.

5 DIMENSIONS IN BRACKETS ARE IN INCHES.

6 HOUSING FEATURES ARE: CLOSED END WITH LOCKING
RAMP AND WITH POLARIZING TAB.



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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 12JUN2003 S. CARPENTER CHK 12JUN2003 D. BOSSI APVD 12JUN2003 D. BOSSI PRODUCT SPEC 108-1050 APPLICATION SPEC 114-1019		 TE Connectivity	
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME MTA-100 CONNECTOR ASSEMBLY, 24 AWG, STANDARD	
		0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 0.13 [.005] 4 PLC ± ANGLES ±		SIZE A2	
MATERIAL 		FINISH 		CAGE CODE 00779	
		WEIGHT		DRAWING NO G-644020	
		CUSTOMER DRAWING		RESTRICTED TO —	
				SCALE 5:1	
				SHEET 1 OF 1	
				REV L	

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[TE Connectivity:](#)

[644020-7](#)