

Distributed by:

**JAMECO**<sup>®</sup>  
ELECTRONICS

**www.Jameco.com ♦ 1-800-831-4242**

The content and copyrights of the attached  
material are the property of its owner.

Jameco Part Number 751120

1 MATERIAL: CONNECTOR-NYLON UL94V-2 (RED).

CONTACTS-0.30 [.012] THICK COPPER ALLOY

BRIGHT TIN-LEAD 0.00203 [.000080] MINIMUM THICK FOR CONTACTS  
 640623-2 THRU 640623-8,

BRIGHT TIN PLATE 0.00203 [.000080] MINIMUM THICK OVER 0.00076  
 [.000030] MINIMUM THICK NICKEL FOR CONTACTS 3-640623-2 THRU  
 3-640623-8.

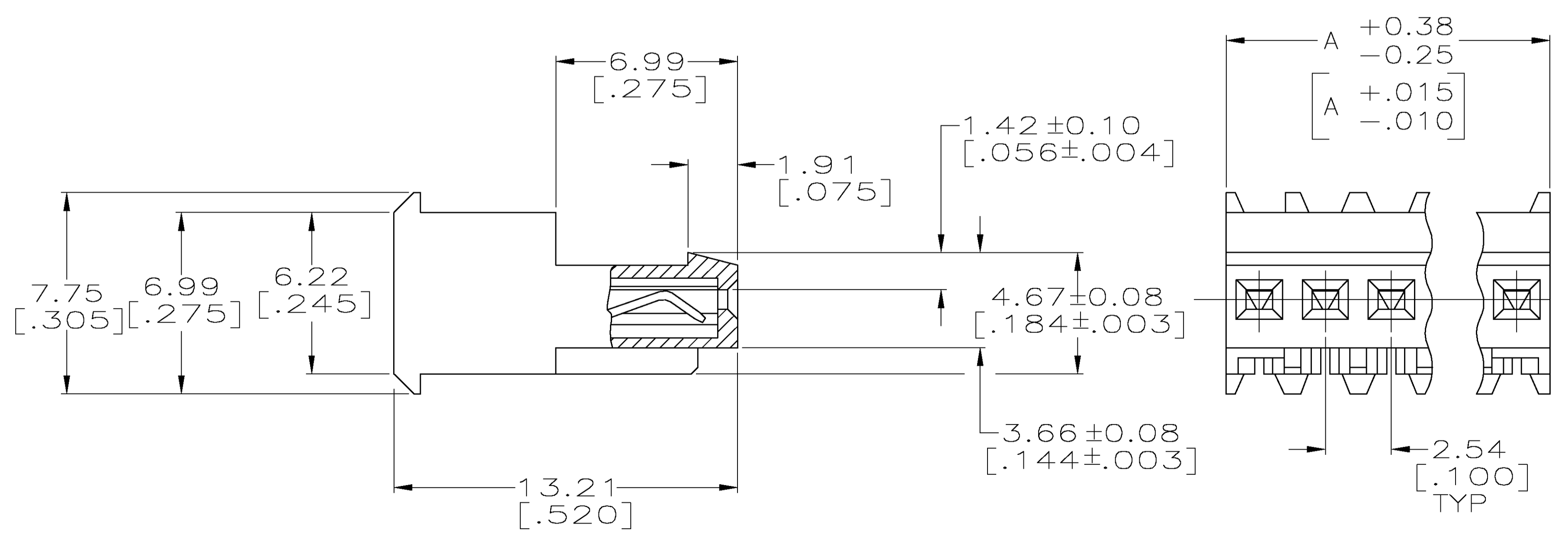
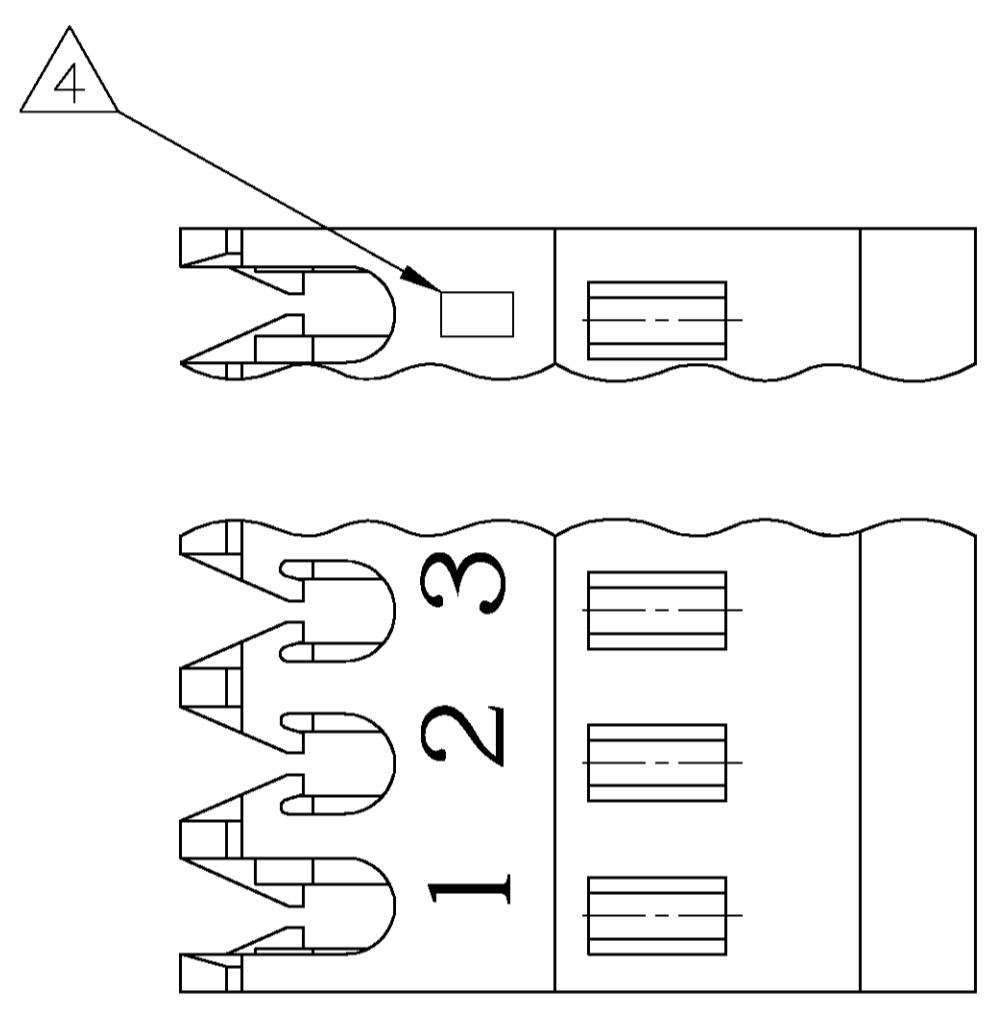
2. CONTACTS ACCEPT 22 AWG WIRE WITH 1.52 [.060] MAXIMUM INSULATION DIAMETER.

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: FEED THRU WITH LOCKING RAMP & LED CONTACT.



LEAD FREE	20.32 [.800]	8	3-641653-8
	7.62 [.300]	3	3-641653-3
	5.08 [.200]	2	3-641653-2
	DIM A	NO.OF POSN	ASSEMBLY

CONTAINS LEAD	20.32 [.800]	8	641653-8
	7.62 [.300]	3	641653-3
	5.08 [.200]	2	641653-2
	DIM A	NO.OF POSN	ASSEMBLY

**METRIC**

THIS DRAWING IS A CONTROLLED DOCUMENT. OWN: S. HOOVER 10-DEC-2004  
 DWG: D. BOSSI 10-DEC-2004  
 APVD: D. BOSSI 10-DEC-2004

TOLERANCES UNLESS OTHERWISE SPECIFIED:  
 0 PLC ±  
 1 PLC ±  
 2 PLC ± 0.13 [.005]  
 3 PLC ±  
 4 PLC ±  
 ANGLES ±  
 FINISH 1

TYCO Electronics Tyco Electronics Corporation Harrisburg, Pa 17105-3608

NAME: MTA-100 CONNECTOR ASSEMBLY, 22 AWG, FOR .014 TO .020 POST, SPECIAL

PRODUCT SPEC: 108-1050  
 APPLICATION SPEC: 114-1019

SIZE: A1 CAGE CODE: 00779 DRAWING NO: 641653 RESTRICTED TO: CUSTOMER DRAWING

SCALE: 8:1 SHEET: 1 OF 1 REV: E