THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION -, .
© COPYRIGHT BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

LOC	DIST
CM	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	J	REVISED PER ECO-07-003723	22FEB07	KW	DB

1. MATERIAL: CONNECTOR–NYLON UL94V–2 (WHITE).
CONTACTS–0.30 [.012] THICK COPPER ALLOY
BRIGHT TIN–LEAD 0.00203 [.000080] MINIMUM THICK FOR CONTACTS 641654–2 THRU 641654–3,
MATTE WHISKER MITIGATED TIN PLATE 0.00203 [.000080] MINIMUM THICK OVER NICKEL UNDERPLATE FOR CONTACTS 3–641654–2 THRU 3–641654–3.

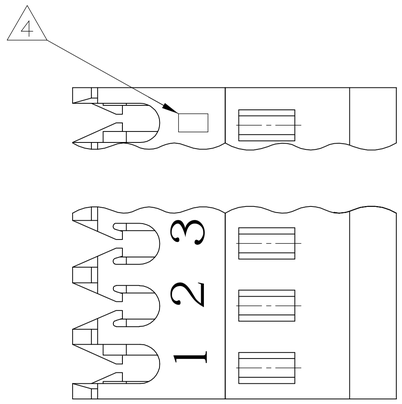
2. CONTACTS ACCEPT 24 AWG WIRE WITH 1.52 [.060] MAXIMUM INSULATION DIAMETER.

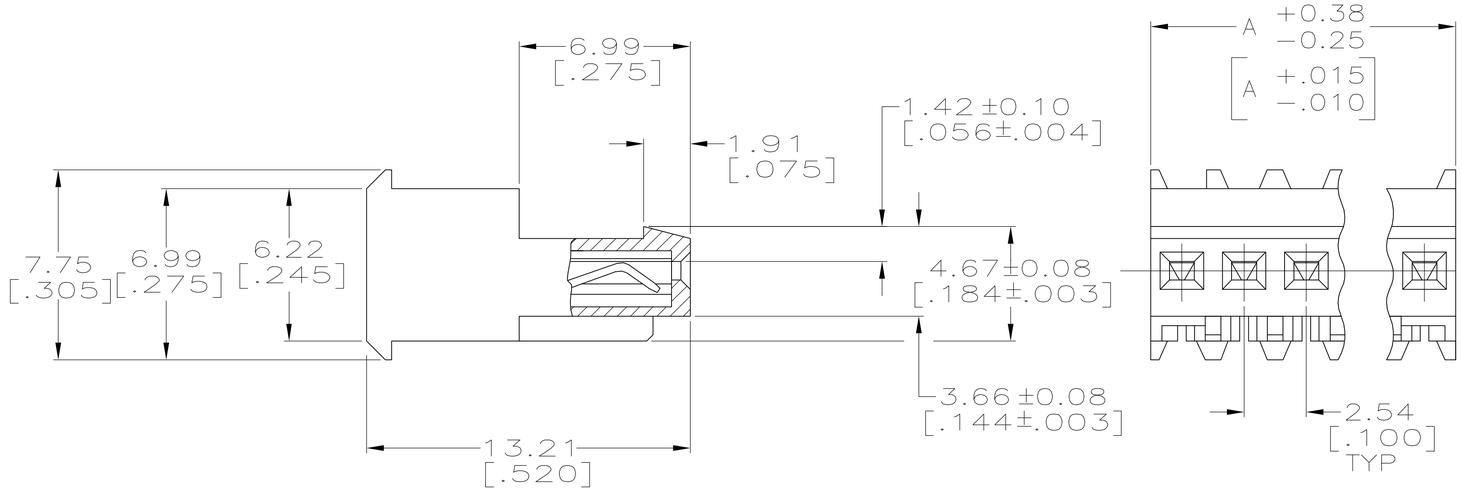
3. CONTACTS MUST ACCEPT 0.64±0.03 [.025±.001] SQUARE POST AND REMAIN LOCKED IN POSITION.

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			
	7.62 [.300]	3	3–641654–3
	5.08 [.200]	2	3–641654–2
	DIM A	NO.OF POSN	ASSEMBLY

CONTAINS LEAD			
	7.62 [.300]	3	641654–3
	5.08 [.200]	2	641654–2
	DIM A	NO.OF POSN	ASSEMBLY

METRIC

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]

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

MATERIAL 1
FINISH 1

DWN S. HOOVER 10-DEC-2004
CHK D. BOSSI 10-DEC-2004
APVD D. BOSSI 10-DEC-2004
PRODUCT SPEC 108-1050
APPLICATION SPEC 114-1019
WEIGHT

Tyco Electronics Corporation
Harrisburg, Pa 17105-3608

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

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-641654	

CUSTOMER DRAWING SCALE 8:1 SHEET 1 OF 1 REV J