



- 1 MATERIAL: CONNECTOR-NYLON UL94V-2 (BLUE). CONTACTS-0.30 [.012] THICK COPPER ALLOY 0.00038 [.000015] GOLD IN CONTACT AREA WITH BRIGHT TIN-LEAD FOR 644040-2 THRU 2-644040-8, MATTE WHISKER MITIGATED TIN FOR 3-644040-2 THRU 5-644040-8 OVER NICKEL UNDERPLATE.
- 2. CONTACTS ACCEPT 26 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 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.

LEAD FREE			
35.56 [1.400]	14	4-644040-4	
33.02 [1.300]	13	4-644040-3	
30.48 [1.200]	12	4-644040-2	
27.94 [1.100]	11	4-644040-1	
25.40 [1.000]	10	4-644040-0	
22.86 [.900]	9	3-644040-9	
20.32 [.800]	8	3-644040-8	
17.78 [.700]	7	3-644040-7	
15.24 [.600]	6	3-644040-6	
12.70 [.500]	5	3-644040-5	
10.16 [.400]	4	3-644040-4	
7.62 [.300]	3	3-644040-3	
5.08 [.200]	2	3-644040-2	
DIM A	NO. OF POSN	ASSEMBLY	

CONTAINS LEAD			
35.56 [1.400]	14	1-644040-4	
33.02 [1.300]	13	1-644040-3	
30.48 [1.200]	12	1-644040-2	
27.94 [1.100]	11	1-644040-1	
25.40 [1.000]	10	1-644040-0	
22.86 [.900]	9	644040-9	
20.32 [.800]	8	644040-8	
17.78 [.700]	7	644040-7	
15.24 [.600]	6	644040-6	
12.70 [.500]	5	644040-5	
10.16 [.400]	4	644040-4	
7.62 [.300]	3	644040-3	
5.08 [.200]	2	644040-2	
DIM A	NO. OF POSN	ASSEMBLY	

METRIC

THIS DRAWING IS A CONTROLLED DOCUMENT. DWN S. HOOVER 20-DEC-2004
 DSK D. BOSSI 20-DEC-2004
 APVD D. BOSSI 20-DEC-2004

Tyco Electronics Corporation
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PRODUCT SPEC: MTA .100 CONNECTOR ASSEMBLY 26 AWG, STANDARD
 APPLICATION SPEC: 108-1050
 114-1019

SIZE: A1 CAGE CODE: 00779 DRAWING NO: 644040
 WEIGHT: 5:1 SCALE SHEET 1 OF 1 REV F

CUSTOMER DRAWING