



- 1 MATERIAL: CONNECTOR-NYLON UL94V-2 (BLUE). CONTACTS-0.30 [.012] THICK COPPER ALLOY 0.00076 [.000030] GOLD IN CONTACT AREA WITH BRIGHT TIN-LEAD FOR 644043-2 THRU 1-644043-4, MATTE WHISKER MITIGATED TIN FOR 3-644043-2 THRU 4-644043-4 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	4-644043-4
33.02 [1.300]	13	4-644043-3
30.48 [1.200]	12	4-644043-2
27.94 [1.100]	11	4-644043-1
25.40 [1.000]	10	4-644043-0
22.86 [.900]	9	3-644043-9
20.32 [.800]	8	3-644043-8
17.78 [.700]	7	3-644043-7
15.24 [.600]	6	3-644043-6
12.70 [.500]	5	3-644043-5
10.16 [.400]	4	3-644043-4
7.62 [.300]	3	3-644043-3
5.08 [.200]	2	3-644043-2
DIM A	NO.OF POSN	ASSEMBLY

CONTAINS LEAD

35.56 [1.400]	14	1-644043-4
33.02 [1.300]	13	1-644043-3
30.48 [1.200]	12	1-644043-2
27.94 [1.100]	11	1-644043-1
25.40 [1.000]	10	1-644043-0
22.86 [.900]	9	644043-9
20.32 [.800]	8	644043-8
17.78 [.700]	7	644043-7
15.24 [.600]	6	644043-6
12.70 [.500]	5	644043-5
10.16 [.400]	4	644043-4
7.62 [.300]	3	644043-3
5.08 [.200]	2	644043-2
DIM A	NO.OF POSN	ASSEMBLY

METRIC

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DWN S. HOOVER 28-DEC-2004	tyco Tyco Electronics Corporation Harrisburg, Pa 17105-3608
0 PLC ±	1 PLC ±	CHK D. BOSSI 28-DEC-2004	NAME MTA .100 CONNECTOR ASSEMBLY
2 PLC ±	3 PLC ± 0.13 [.005]	APVD D. BOSSI 28-DEC-2004	PRODUCT SPEC 108-1050
4 PLC ±	ANGLES ±		APPLICATION SPEC 114-1019
MATERIAL	FINISH	SIZE A1	CAGE CODE 00779
		DRAWING NO. 644043	RESTRICTED TO
		WEIGHT	CUSTOMER DRAWING
		SCALE 5:1	SHEET 1 OF 1
			REV C