



- 1 MATERIAL: CONNECTOR - NYLON UL94V-2 (RED). CONTACTS - 0.30 [.012] THICK COPPER ALLOY .000076 [.000030] GOLD IN CONTACT AREA WITH BRIGHT TIN-LEAD SLOT AREA FOR 644042-2 THRU 2-644042-8 OR MATTE WHISKER MITIGATED TIN FOR 3-644042-2 THRU 5-644042-8 OVER NICKEL UNDERPLATE.
2. CONTACTS ACCEPT 22 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.

71.12	[2.800]	28	5-644042-8
68.58	[2.700]	27	5-644042-7
66.04	[2.600]	26	5-644042-6
63.50	[2.500]	25	5-644042-5
60.96	[2.400]	24	5-644042-4
58.42	[2.300]	23	5-644042-3
55.88	[2.200]	22	5-644042-2
53.34	[2.100]	21	5-644042-1
50.80	[2.000]	20	5-644042-0
48.26	[1.900]	19	4-644042-9
45.72	[1.800]	18	4-644042-8
43.18	[1.700]	17	4-644042-7
40.64	[1.600]	16	4-644042-6
38.10	[1.500]	15	4-644042-5
35.56	[1.400]	14	4-644042-4
33.02	[1.300]	13	4-644042-3
30.48	[1.200]	12	4-644042-2
27.94	[1.100]	11	4-644042-1
25.40	[1.000]	10	4-644042-0
22.86	[.900]	9	3-644042-9
20.32	[.800]	8	3-644042-8
17.78	[.700]	7	3-644042-7
15.24	[.600]	6	3-644042-6
12.70	[.500]	5	3-644042-5
10.16	[.400]	4	3-644042-4
7.62	[.300]	3	3-644042-3
5.08	[.200]	2	3-644042-2
DIM A		NO.OF POSN	ASSEMBLY

71.12	[2.800]	28	2-644042-8
68.58	[2.700]	27	2-644042-7
66.04	[2.600]	26	2-644042-6
63.50	[2.500]	25	2-644042-5
60.96	[2.400]	24	2-644042-4
58.42	[2.300]	23	2-644042-3
55.88	[2.200]	22	2-644042-2
53.34	[2.100]	21	2-644042-1
50.80	[2.000]	20	2-644042-0
48.26	[1.900]	19	1-644042-9
45.72	[1.800]	18	1-644042-8
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35.56	[1.400]	14	1-644042-4
33.02	[1.300]	13	1-644042-3
30.48	[1.200]	12	1-644042-2
27.94	[1.100]	11	1-644042-1
25.40	[1.000]	10	1-644042-0
22.86	[.900]	9	644042-9
20.32	[.800]	8	644042-8
17.78	[.700]	7	644042-7
15.24	[.600]	6	644042-6
12.70	[.500]	5	644042-5
10.16	[.400]	4	644042-4
7.62	[.300]	3	644042-3
5.08	[.200]	2	644042-2
DIM A		NO.OF POSN	ASSEMBLY

METRIC

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DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DWN S. HOOVER 28-DEC-2004	Tyco Electronics Corporation Harrisburg, Pa 17105-3608
mm [INCHES]	0 PLC ± 1 PLC ± 2 PLC ± 0.13 [.005] 3 PLC ± 4 PLC ±	CHK D. BOSSI 28-DEC-2004	
MATERIAL	FINISH	APVD D. BOSSI 28-DEC-2004	NAME MTA .100 CONNECTOR ASSEMBLY
		PRODUCT SPEC 108-1050	APPLICATION SPEC 22 AWG, STANDARD
		SIZE A1	CAGE CODE 00779
		SCALE 5:1	DRAWING NO. 644042
		SHEET 1 OF 1	REV D

CUSTOMER DRAWING