

MATERIAL: CONNECTOR-NYLON UL94V-0 (RED).  
 CONTACTS-0.30 [.012] THICK COPPER ALLOY  
 (0.00076 [.000030] GOLD)

△ MATERIAL: CONNECTOR - NYLON UL94V-2 (BLACK).  
 CONTACTS - 0.30 [.012] THICK COPPER ALLOY  
 .000076 [.000030] GOLD IN CONTACT AREA WITH  
 BRIGHT TIN-LEAD SLOT AREA FOR 644702-2 THRU 1-644702-6  
 OR MATTE WHISKER MITIGATED TIN FOR 3-644702-2 THRU  
 4-644702-6 OVER NICKEL UNDERPLATE.

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

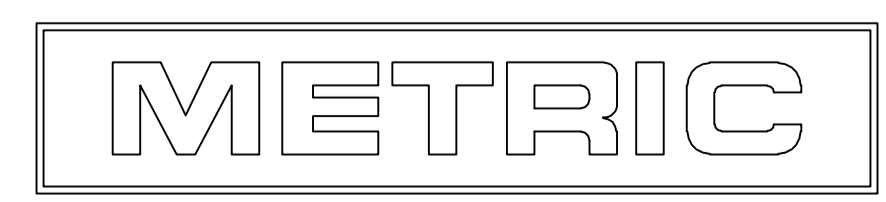
3. CONTACTS MUST ACCEPT 0.64±0.03 [.025±.001] SQUARE POST AND REMAIN LOCKED IN POSITION.

△ 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 AND POLARIZING TAB.

FINISH	DIM	A	NO.OF POSN	ASSEMBLY	FINISH	DIM	A	NO.OF POSN	ASSEMBLY
TIN	40.64	[1.600]	16	4-644702-6	TIN-LEAD	40.64	[1.600]	16	1-644702-6
TIN	38.10	[1.500]	15	4-644702-5	TIN-LEAD	38.10	[1.500]	15	1-644702-5
TIN	35.56	[1.400]	14	4-644702-4	TIN-LEAD	35.56	[1.400]	14	1-644702-4
TIN	33.02	[1.300]	13	4-644702-3	TIN-LEAD	33.02	[1.300]	13	1-644702-3
TIN	30.48	[1.200]	12	4-644702-2	TIN-LEAD	30.48	[1.200]	12	1-644702-2
TIN	27.94	[1.100]	11	4-644702-1	TIN-LEAD	27.94	[1.100]	11	1-644702-1
TIN	25.40	[1.000]	10	4-644702-0	TIN-LEAD	25.40	[1.000]	10	1-644702-0
TIN	22.86	[.900]	9	3-644702-9	TIN-LEAD	22.86	[.900]	9	644702-9
TIN	20.32	[.800]	8	3-644702-8	TIN-LEAD	20.32	[.800]	8	644702-8
TIN	17.78	[.700]	7	3-644702-7	TIN-LEAD	17.78	[.700]	7	644702-7
TIN	15.24	[.600]	6	3-644702-6	TIN-LEAD	15.24	[.600]	6	644702-6
TIN	12.70	[.500]	5	3-644702-5	TIN-LEAD	12.70	[.500]	5	644702-5
TIN	10.16	[.400]	4	3-644702-4	TIN-LEAD	10.16	[.400]	4	644702-4
TIN	7.62	[.300]	3	3-644702-3	TIN-LEAD	7.62	[.300]	3	644702-3
TIN	5.08	[.200]	2	3-644702-2	TIN-LEAD	5.08	[.200]	2	644702-2



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 P.L.C ± 1 P.L.C ± 2 P.L.C ± 0.13 [.005] 3 P.L.C ± 4 P.L.C ±	DWN S. HOOVER 28-DEC-2004 D.W. BOSSI 28-DEC-2004 APVD D. BOSSI 28-DEC-2004	tyco Tyco Electronics Corporation Harrisburg, PA 17105-3608
MATERIAL	FINISH	NAME MTA .100 CONNECTOR ASSEMBLY, 22 AWG, STANDARD	SIZE CAGE CODE DRAWING NO A1 00779 C=644702
CUSTOMER DRAWING		RESTRICTED TO	SCALE 6:1 SHEET 1 OF 1 REV J