



- 1 MATERIAL: CONNECTOR-NYLON UL94V-2 (RED). CONTACTS-0.30 [.012] THICK COPPER ALLOY 0.00038 [.000015] GOLD IN CONTACT AREA WITH BRIGHT TIN-LEAD FOR 641190-2 THRU 2-641190-8, MATTE WHISKER MITIGATED TIN FOR 3-641190-2 THRU 5-641190-8 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: FEED THRU WITH LOCKING RAMP AND WITH POLARIZING TAB.

LEAD FREE	40.64 [1.600]	16	4-647477-6
	38.10 [1.500]	15	4-647477-5
	35.56 [1.400]	14	4-647477-4
	33.02 [1.300]	13	4-647477-3
	30.48 [1.200]	12	4-647477-2
	27.94 [1.100]	11	4-647477-1
	25.40 [1.000]	10	4-647477-0
	22.86 [.900]	9	3-647477-9
	20.32 [.800]	8	3-647477-8
	17.78 [.700]	7	3-647477-7
	15.24 [.600]	6	3-647477-6
	12.70 [.500]	5	3-647477-5
	10.16 [.400]	4	3-647477-4
7.62 [.300]	3	3-647477-3	
5.08 [.200]	2	3-647477-2	
DIM A	NO. OF POSN	ASSEMBLY	

CONTAINS LEAD	40.64 [1.600]	16	1-647477-6
	38.10 [1.500]	15	1-647477-5
	35.56 [1.400]	14	1-647477-4
	33.02 [1.300]	13	1-647477-3
	30.48 [1.200]	12	1-647477-2
	27.94 [1.100]	11	1-647477-1
	25.40 [1.000]	10	1-647477-0
	22.86 [.900]	9	647477-9
	20.32 [.800]	8	647477-8
	17.78 [.700]	7	647477-7
	15.24 [.600]	6	647477-6
	12.70 [.500]	5	647477-5
	10.16 [.400]	4	647477-4
7.62 [.300]	3	647477-3	
5.08 [.200]	2	647477-2	
DIM A	NO. OF POSN	ASSEMBLY	

METRIC

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DWN S. HOOVER 20-DEC-2004	tyco Electronics	Tyco Electronics Corporation Harrisburg, Pa 17105-3608
0 PLC ±	1 PLC ±	CHK D. BOSSI 20-DEC-2004	NAME	MTA .100 CONNECTOR ASSEMBLY
2 PLC ±	3 PLC ± 0.13 [.005]	APVD D. BOSSI 20-DEC-2004	PRODUCT SPEC	108-1050
4 PLC ±	ANGLES ±		APPLICATION SPEC	114-1019
MATERIAL	FINISH		SIZE	CAGE CODE DRAWING NO
			WEIGHT	A1 00779 C=647477
			CUSTOMER DRAWING	SCALE 5:1 SHEET 1 OF 1 REV C