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LOC		DIST		REVISIONS			
CM	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		H		REV PER ECO-07-003724	23FEB07	KW	DB

Dimensions and Tolerances:

- 6.99 [.275]
- 0.48±0.08 [.019±.003]
- 1.91 [.075]
- 2.54±0.05 [.100±.002]
- 1.42±0.10 [.056±.004]
- 4.67±0.08 [.184±.003]
- 3.66±0.08 [.144±.003]
- 13.21 [.520]
- 6.22 [.245]
- 6.99 [.275]
- 0.94±0.08 [.037±.003] TYP
- 2.54 [.100] TYP
- A +0.38 -0.25
- A +.015 -.010

△ MATERIAL: CONNECTOR-NYLON UL94V-0 (BLACK)
 CONTACTS-0.30 [.012] THICK COPPER ALLOY
 BRIGHT TIN-LEAD 0.00203 [.000080] MIN THICK FOR CONTACTS
 644083-2 THRU 1-644083-5
 MATTE WHISKER MITIGATED TIN PLATE 0.00203 [.000080] MIN THICK
 OVER 0.00076 [.000030] MIN THICK NICKEL FOR CONTACTS
 3-644083-2 THRU 4-644083-5

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: CLOSED END WITH LOCKING RAMP AND WITH POLARIZING TAB.

LEAD FREE	38.10 [1.500]	15	4-644083-5
	35.56 [1.400]	14	4-644083-4
	33.02 [1.300]	13	4-644083-3
	30.48 [1.200]	12	4-644083-2
	27.94 [1.100]	11	4-644083-1
	25.40 [1.000]	10	4-644083-0
	22.86 [.900]	9	3-644083-9
	20.32 [.800]	8	3-644083-8
	17.78 [.700]	7	3-644083-7
	15.24 [.600]	6	3-644083-6
12.70 [.500]	5	3-644083-5	
10.16 [.400]	4	3-644083-4	
7.62 [.300]	3	3-644083-3	
5.08 [.200]	2	3-644083-2	
CONTAINS LEAD	38.10 [1.500]	15	1-644083-5
	35.56 [1.400]	14	1-644083-4
	33.02 [1.300]	13	1-644083-3
	30.48 [1.200]	12	1-644083-2
	27.94 [1.100]	11	1-644083-1
	25.40 [1.000]	10	1-644083-0
	22.86 [.900]	9	644083-9
	20.32 [.800]	8	644083-8
	17.78 [.700]	7	644083-7
	15.24 [.600]	6	644083-6
12.70 [.500]	5	644083-5	
10.16 [.400]	4	644083-4	
7.62 [.300]	3	644083-3	
5.08 [.200]	2	644083-2	
DIM A	NO.OF POSN	ASSEMBLY	

METRIC

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN S. CARPENTER 12JUN2003	tyco Electronics	Tyco Electronics Corporation Harrisburg, Pa 17105-3608	
DIMENSIONS: mm [INCHES]		CHK D. BOSSI 12JUN2003		NAME	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD D. BOSSI 12JUN2003	MTA 100 CONNECTOR ASSEMBLY, 22 AWG, UL94V-0, SPECIAL		
0 PLC ±		PRODUCT SPEC	108-1050	SIZE	CAGE CODE
1 PLC ±		APPLICATION SPEC	114-1019	DRAWING NO	RESTRICTED TO
2 PLC ±		WEIGHT	114-1019	A2 00779	C=644083
3 PLC ± 0.13 [.005]		CUSTOMER DRAWING	SCALE	5:1	SHEET 1 OF 1
4 PLC ±		FINISH			REV H
ANGLES ±					

AMP 1471-9 REV 31MAR2000