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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
CM	00	G	REV PER ECO-07-003705	21FEB07	KW DB

LEADFREE	DIM A	NO. OF CIRCUITS	PART NO.
YES	60.96[2.400]	24	5-644563-4
YES	58.42[2.300]	23	5-644563-3
YES	55.88[2.200]	22	5-644563-2
YES	53.34[2.100]	21	5-644563-1
YES	50.80[2.000]	20	5-644563-0
YES	48.26[1.900]	19	4-644563-9
YES	45.72[1.800]	18	4-644563-8
YES	43.18[1.700]	17	4-644563-7
YES	40.64[1.600]	16	4-644563-6
YES	38.10[1.500]	15	4-644563-5
YES	35.56[1.400]	14	4-644563-4
YES	33.02[1.300]	13	4-644563-3
YES	30.48[1.200]	12	4-644563-2
YES	27.94[1.100]	11	4-644563-1
YES	25.40[1.000]	10	4-644563-0
YES	22.86[.900]	9	3-644563-9
YES	20.32[.800]	8	3-644563-8
YES	17.78[.700]	7	3-644563-7
YES	15.24[.600]	6	3-644563-6
YES	12.70[.500]	5	3-644563-5
YES	10.16[.400]	4	3-644563-4
YES	7.62[.300]	3	3-644563-3
YES	5.08[.200]	2	3-644563-2
NO	60.96[2.400]	24	2-644563-4
NO	58.42[2.300]	23	2-644563-3
NO	55.88[2.200]	22	2-644563-2
NO	53.34[2.100]	21	2-644563-1
NO	50.80[2.000]	20	2-644563-0
NO	48.26[1.900]	19	1-644563-9
NO	45.72[1.800]	18	1-644563-8
NO	43.18[1.700]	17	1-644563-7
NO	40.64[1.600]	16	1-644563-6
NO	38.10[1.500]	15	1-644563-5
NO	35.56[1.400]	14	1-644563-4
NO	33.02[1.300]	13	1-644563-3
NO	30.48[1.200]	12	1-644563-2
NO	27.94[1.100]	11	1-644563-1
NO	25.40[1.000]	10	1-644563-0
NO	22.86[.900]	9	644563-9
NO	20.32[.800]	8	644563-8
NO	17.78[.700]	7	644563-7
NO	15.24[.600]	6	644563-6
NO	12.70[.500]	5	644563-5
NO	10.16[.400]	4	644563-4
NO	7.62[.300]	3	644563-3
NO	5.08[.200]	2	644563-2

1 MATERIAL: CONNECTOR - NYLON UL94V-2 (WHITE).
 CONTACTS - 0.30[.012] THICK COPPER ALLOY
 BRIGHT TIN-LEAD .00203[.000080] MIN THICKNESS
 FOR 644563-2 THRU 2-644563-8.
 MATTE WHISKER MITIGATED TIN .00203[.000080] MIN THICKNESS
 OVER NICKEL UNDERPLATE FOR 3-644563-2 THRU 5-644563-4.

2. CONTACTS ACCEPT 24 AWG WIRE WITH 1.52[.060] MAX INSULATION DIAMETER.

3. CONTACTS MUST ACCEPT 0.64±0.03[.025] 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.

METRIC

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN S. CARPENTER 12JUN2003	tyco Electronics		Tyco Electronics Corporation Greensboro, NC 27409	
DIMENSIONS: INCHES		CHK D. BOSSI 12JUN2003	NAME MTA-100 CONNECTOR ASSEMBLY, 24 AWG, STANDARD			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD D. BOSSI 12JUN2003	PRODUCT SPEC 108-1050			
0 PLC ±		APPLICATION SPEC 114-1019				
1 PLC ±		SIZE A2				
2 PLC ±		CAGE CODE 00779				
3 PLC ± 0.13 [.005]		DRAWING NO C=644563				
4 PLC ±		RESTRICTED TO -				
ANGLES ±		WEIGHT				
FINISH 1		SCALE 5:1				
MATERIAL 1		SHEET 1 OF 1				
		REV G				
		CUSTOMER DRAWING				

AMP 1471-9 REV 31MAR2000