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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
CM	00	S	REV PER ECO-07-003731	27FEB07	KW DB

LEADFREE	DIM A	NO. OF CIRCUITS	PART NO.
YES	71.12[2.800]	28	5-641238-8
YES	68.58[2.700]	27	5-641238-7
YES	66.04[2.600]	26	5-641238-6
YES	63.50[2.500]	25	5-641238-5
YES	60.96[2.400]	24	5-641238-4
YES	58.42[2.300]	23	5-641238-3
YES	55.88[2.200]	22	5-641238-2
YES	53.34[2.100]	21	5-641238-1
YES	50.80[2.000]	20	5-641238-0
YES	48.26[1.900]	19	4-641238-9
YES	45.72[1.800]	18	4-641238-8
YES	43.18[1.700]	17	4-641238-7
YES	40.64[1.600]	16	4-641238-6
YES	38.10[1.500]	15	4-641238-5
YES	35.56[1.400]	14	4-641238-4
YES	33.02[1.300]	13	4-641238-3
YES	30.48[1.200]	12	4-641238-2
YES	27.94[1.100]	11	4-641238-1
YES	25.40[1.000]	10	4-641238-0
YES	22.86[.900]	9	3-641238-9
YES	20.32[.800]	8	3-641238-8
YES	17.78[.700]	7	3-641238-7
YES	15.24[.600]	6	3-641238-6
YES	12.70[.500]	5	3-641238-5
YES	10.16[.400]	4	3-641238-4
YES	7.62[.300]	3	3-641238-3
YES	5.08[.200]	2	3-641238-2
NO	71.12[2.800]	28	2-641238-8
NO	68.58[2.700]	27	2-641238-7
NO	66.04[2.600]	26	2-641238-6
NO	63.50[2.500]	25	2-641238-5
NO	60.96[2.400]	24	2-641238-4
NO	58.42[2.300]	23	2-641238-3
NO	55.88[2.200]	22	2-641238-2
NO	53.34[2.100]	21	2-641238-1
NO	50.80[2.000]	20	2-641238-0
NO	48.26[1.900]	19	1-641238-9
NO	45.72[1.800]	18	1-641238-8
NO	43.18[1.700]	17	1-641238-7
NO	40.64[1.600]	16	1-641238-6
NO	38.10[1.500]	15	1-641238-5
NO	35.56[1.400]	14	1-641238-4
NO	33.02[1.300]	13	1-641238-3
NO	30.48[1.200]	12	1-641238-2
NO	27.94[1.100]	11	1-641238-1
NO	25.40[1.000]	10	1-641238-0
NO	22.86[.900]	9	641238-9
NO	20.32[.800]	8	641238-8
NO	17.78[.700]	7	641238-7
NO	15.24[.600]	6	641238-6
NO	12.70[.500]	5	641238-5
NO	10.16[.400]	4	641238-4
NO	7.62[.300]	3	641238-3
NO	5.08[.200]	2	641238-2

Technical drawing showing dimensions in mm [INCHES].

Dimensions (mm [INCHES]):

- 6.99 [.275]
- 6.22 [.245]
- 13.21 [.520]
- 1.91 [.075]
- 1.42 ± 0.10 [.056 ± .004]
- 4.67 ± 0.08 [.184 ± .003]
- 3.66 ± 0.08 [.144 ± .003]
- A +0.38 / -0.25
- A +0.015 / -0.010
- 2.54 [.100] TYP

1 MATERIAL: CONNECTOR - NYLON UL94V-2 (WHITE).  
 CONTACTS - 0.30[.012] THICK COPPER ALLOY (0.00076 [.000030] GOLD) IN CONTACT AREA WITH BRIGHT TIN-LEAD FOR 641238-2 THRU 2-641238-8, MATTE WHISKER MITIGATED TIN FOR 3-641238-2 THRU 5-641238-8 OVER NICKEL UNDERPLATE.

2. CONTACTS ACCEPT 24 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.

METRIC

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN S. CARPENTER 07AUG2003	tyco Tyco Electronics Corporation Harrisburg, PA 17105-3608	
DIMENSIONS: mm [INCHES]		CHK D. BOSSI 07AUG2003	NAME MTA-100 CONNECTOR ASSEMBLY, 24 AWG, STANDARD	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 0.13 [.005] 4 PLC ± ANGLES ± FINISH 1		APVD D. BOSSI 07AUG2003	PRODUCT SPEC 108-1050	
MATERIAL 1		APPLICATION SPEC 114-1019	SIZE A2	CAGE CODE 00779
		WEIGHT	DRAWING NO C=641238	RESTRICTED TO -
		CUSTOMER DRAWING	SCALE 5:1	SHEET 1 of 1
			REV S	

AMP 1471-9 REV 31MAR2000

641238

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