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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
CM	00	G1	ECO-08-011000	05MAY08	KW DB

Dimensions (mm [INCHES]):

- 9.02 [.355]
- 8.26 [.325]
- 6.22 [.245]
- 2.54 [.100]
- 0.48±0.08 [.019±.003]
- 3.18±0.05 [.125±.002]
- 2.46±0.15 [.097±.006]
- 5.84±0.30 [.230±.012]
- 1.27±0.20 [.050±.008]
- 18.42 [.725]
- 1.57±0.08 [.062±.003] TYP
- 3.96 [.156] TYP

Callout A: $\begin{matrix} +0.38 \\ -0.25 \\ A \\ +.015 \\ -.010 \end{matrix}$

1 MATERIAL: CONNECTOR - NYLON UL94-V2 (YELLOW)
 CONTACTS - 0.30[.012] THICK COPPER ALLOY
 (BRIGHT TIN-LEAD 0.00203[.000080] MIN. THICK
 FOR CONTACTS 643818-2 THRU 2-643818-4).
 (MATTE WHISKER MITIGATED TIN 0.00203[.000080] MIN.
 THICKNESS OVER NICKEL UNDERPLATE FOR 3-643818-2
 THRU 5-643818-4).

2. CONTACTS ACCEPT 20 AWG WIRE WITH 2.41[.095] MAX INSULATION DIAMETER.

3. CONTACTS MUST ACCEPT 1.14±0.03[.045] 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 AND POLARIZING TAB.

95.10[3.744]	24	5-643818-4
91.13[3.588]	23	5-643818-3
87.17[3.432]	22	5-643818-2
83.21[3.276]	21	5-643818-1
79.25[3.120]	20	5-643818-0
75.29[2.964]	19	4-643818-9
71.32[2.808]	18	4-643818-8
67.36[2.652]	17	4-643818-7
63.40[2.496]	16	4-643818-6
59.44[2.340]	15	4-643818-5
55.47[2.184]	14	4-643818-4
51.51[2.028]	13	4-643818-3
47.55[1.872]	12	4-643818-2
43.59[1.716]	11	4-643818-1
39.62[1.560]	10	4-643818-0
35.66[1.404]	9	3-643818-9
31.70[1.248]	8	3-643818-8
27.74[1.092]	7	3-643818-7
23.77[.936]	6	3-643818-6
19.81[.780]	5	3-643818-5
15.85[.624]	4	3-643818-4
11.89[.468]	3	3-643818-3
7.92[.312]	2	3-643818-2
95.10[3.744]	24	2-643818-4
91.13[3.588]	23	2-643818-3
87.17[3.432]	22	2-643818-2
83.21[3.276]	21	2-643818-1
79.25[3.120]	20	2-643818-0
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27.74[1.092]	7	643818-7
23.77[.936]	6	643818-6
19.81[.780]	5	643818-5
15.85[.624]	4	643818-4
11.89[.468]	3	643818-3
7.92[.312]	2	643818-2
DIM A	NO. OF CIRCUITS	PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN S. CARPENTER 09JUL2003	Tyco Electronics Corporation Harrisburg, Pa 17105-3608	
DIMENSIONS: mm [INCHES]		CHK D. BOSSI 09JUL2003	NAME MTA 156 CONNECTOR ASSEMBLY, 20 AWG, STANDARD	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD D. BOSSI 09JUL2003	PRODUCT SPEC 108-1051	
0 PLC ± -		APPLICATION SPEC 114-1020		
1 PLC ± -		WEIGHT -		
2 PLC ± -		SIZE A2		
3 PLC ± 0.13 [.005]		CAGE CODE 00779		
4 PLC ± -		DRAWING NO C=643818		
ANGLES ± -		RESTRICTED TO -		
FINISH 1		SCALE 4:1 SHEET 1 OF 1 REV G1		
CUSTOMER DRAWING				

METRIC

AMP 1471-9 REV 31MAR2000