

4

3

2

1

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION
 © COPYRIGHT BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

LOC	DIST	REVISIONS					
CM	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		D		ECO-07-012855	06JUN07	KW	DB
		D1		REVISED PER ECO-10-000443	15JAN10	KK	AEG

Dimensions (mm [INCHES]):
 9.78 [.385], 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], 18.42 [.725], 1.27±0.20 [.050±.008]

Dimensions: A +0.38 -0.25, A +.015 - .010, 1.57±0.08 [.062±.003] TYP, 3.96 [.156] TYP

55.47[2.184]	14	4-644466-4
51.51[2.028]	13	4-644466-3
47.55[1.872]	12	4-644466-2
43.59[1.716]	11	4-644466-1
39.62[1.560]	10	4-644466-0
35.66[1.404]	9	3-644466-9
31.70[1.248]	8	3-644466-8
27.74[1.092]	7	3-644466-7
23.77[.936]	6	3-644466-6
19.81[.780]	5	3-644466-5
15.85[.624]	4	3-644466-4
11.89[.468]	3	3-644466-3
7.92[.312]	2	3-644466-2
55.47[2.184]	14	1-644466-4
51.51[2.028]	13	1-644466-3
47.55[1.872]	12	1-644466-2
43.59[1.716]	11	1-644466-1
39.62[1.560]	10	1-644466-0
35.66[1.404]	9	1-644466-9
31.70[1.248]	8	1-644466-8
27.74[1.092]	7	1-644466-7
23.77[.936]	6	1-644466-6
19.81[.780]	5	1-644466-5
15.85[.624]	4	1-644466-4
11.89[.468]	3	1-644466-3
7.92[.312]	2	1-644466-2
DIM A	NO OF CIRCUITS	PART NO.

1 MATERIAL: CONNECTOR - NYLON UL94-V2 (YELLOW)
 CONTACTS - 0.30[.012] THICK COPPER ALLOY
 (BRIGHT TIN-LEAD 0.00203[.000080] MIN. THICK FOR CONTACTS 644466-2 THRU 1-644466-4)
 (MATTE WHISKER MITIGATED TIN 0.00203[.000080] MIN THICKNESS OVER NICKEL UNDERPLATE FOR 3-644466-2 THRU 4-644466-4).

2. CONTACTS ACCEPT 20 AWG WIRE WITH 2.41[.095] MAX INSULATION DIAMETER.
 3. CONTACTS MUST ACCEPT 1.14±0.03[.045±.001] 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 POLARIZING TAB..

7 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

7 SUPERSEDED BY 4-644466-2 47.55[1.872] 12 4-644466-2
 7 SUPERSEDED BY 4-644466-1 43.59[1.716] 11 4-644466-1
 7 SUPERSEDED BY 3-644466-9 39.62[1.560] 10 1-644466-0
 7 SUPERSEDED BY 3-644466-9 35.66[1.404] 9 1-644466-9
 7 SUPERSEDED BY 3-644466-7 31.70[1.248] 8 1-644466-8
 7 SUPERSEDED BY 3-644466-6 27.74[1.092] 7 1-644466-7
 7 SUPERSEDED BY 3-644466-6 23.77[.936] 6 1-644466-6
 7 SUPERSEDED BY 3-644466-5 19.81[.780] 5 1-644466-5
 7 SUPERSEDED BY 3-644466-5 15.85[.624] 4 1-644466-4
 7 SUPERSEDED BY 3-644466-3 11.89[.468] 3 1-644466-3
 7 SUPERSEDED BY 3-644466-3 7.92[.312] 2 1-644466-2

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN S. CARPENTER 14AUG2003	Tyco Electronics Corporation Harrisburg, Pa 17105-3608	
DIMENSIONS: mm [INCHES]		CHK D.BOSSI 14AUG2003	NAME	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD D.BOSSI 14AUG2003	MTA 156 CONNECTOR ASSEMBLY, 20 AWG, STANDARD	
0 PLC ± -	1 PLC ± -	PRODUCT SPEC 108-1051	SIZE A2	CAGE CODE 00779
2 PLC ± -	3 PLC ± 0.13 [.005]	APPLICATION SPEC 114-1020	DRAWING NO C=644466	RESTRICTED TO -
4 PLC ± -	ANGLES ± -	WEIGHT -	SCALE 4:1	SHEET 1 OF 1
MATERIAL 1	FINISH 1	CUSTOMER DRAWING	REV D1	

AMP 1471-9 REV 31MAR2000