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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
CM	0	K	ECO-07-012878	20JUN07	KW DB

1 MATERIAL:
 CONNECTOR - NYLON UL94V-2 (ORANGE).
 CONTACTS - 0.30[.012] THICK COPPER ALLOY.
 PLATING - 0.00038[.000015] GOLD IN CONTACT AREA.
 0.00203[.000080] MIN THICKNESS BRIGHT TIN LEAD IN
 SLOT AREA FOR 641168-2 THRU 2-641168-4 OR
 MATTE WHISKER MITIGATED TIN IN SLOT AREA FOR
 3-641168-2 THRU 5-641168-4 OVER NICKEL
 UNDERPLATE.

2. CONTACTS ACCEPT 18 AWG WIRE WITH 2.41[.095] MAX
 INSULATION DIAMETER.

3. CONTACTS MUST ACCEPT 1.14±0.03[.045±.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: FEED-THRU WITH LOCKING
 RAMP.

NOTE DELETED.

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METRIC

CONTACT FINISH	DIM A	NO. OF CIRCUITS	PART NO.
TIN	95.10 [3.744]	24	5-641168-4
TIN	91.14 [3.588]	23	5-641168-3
TIN	87.17 [3.432]	22	5-641168-2
TIN	83.21 [3.276]	21	5-641168-1
TIN	79.25 [3.120]	20	5-641168-0
TIN	75.29 [2.964]	19	4-641168-9
TIN	71.32 [2.808]	18	4-641168-8
TIN	67.36 [2.652]	17	4-641168-7
TIN	63.40 [2.496]	16	4-641168-6
TIN	59.44 [2.340]	15	4-641168-5
TIN	55.47 [2.184]	14	4-641168-4
TIN	51.51 [2.028]	13	4-641168-3
TIN	47.55 [1.872]	12	4-641168-2
TIN	43.59 [1.716]	11	4-641168-1
TIN	39.62 [1.560]	10	4-641168-0
TIN	35.66 [1.404]	9	3-641168-9
TIN	31.70 [1.248]	8	3-641168-8
TIN	27.74 [1.092]	7	3-641168-7
TIN	23.77 [.936]	6	3-641168-6
TIN	19.81 [.780]	5	3-641168-5
TIN	15.85 [.624]	4	3-641168-4
TIN	11.89 [.468]	3	3-641168-3
TIN	7.92 [.312]	2	3-641168-2
TIN-LEAD	95.10 [3.744]	24	2-641168-4
TIN-LEAD	91.14 [3.588]	23	2-641168-3
TIN-LEAD	87.17 [3.432]	22	2-641168-2
TIN-LEAD	83.21 [3.276]	21	2-641168-1
TIN-LEAD	79.25 [3.120]	20	2-641168-0
TIN-LEAD	75.29 [2.964]	19	1-641168-9
TIN-LEAD	71.32 [2.808]	18	1-641168-8
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TIN-LEAD	15.85 [.624]	4	641168-4
TIN-LEAD	11.89 [.468]	3	641168-3
TIN-LEAD	7.92 [.312]	2	641168-2

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B. LEWIS 2-12-91	Tyco Electronics Corporation Harrisburg, Pa 17105-3608	
DIMENSIONS: mm [INCHES]		CHK R. SWING 2-20-91	NAME	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD -	MTA-156 CONNECTOR ASSEMBLY, 18 AWG, STANDARD	
0 PLC ± -		PRODUCT SPEC 108-1051	SIZE A2	CAGE CODE 00779
1 PLC ± -		APPLICATION SPEC 114-1020	DRAWING NO C=641168	RESTRICTED TO -
2 PLC ± -		WEIGHT -	SCALE 4:1	SHEET 1 OF 1
3 PLC ± 0.13 [.005]		CUSTOMER DRAWING	REV K	
4 PLC ± -				
ANGLES ± -				
FINISH				

AMP 1471-9 REV 31MAR2000