

4

3

2

1

THIS DRAWING IS UNPUBLISHED.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

LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
CM	00	H	ECO-07-012874	15JUN07	KW DB

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  
 641225-2 THRU 2-641225-4,  
 MATTE WHISKER MITIGATED TIN FOR  
 3-641225-2 THRU 5-641225-4  
 OVER NICKEL UNDERPLATE.

2. CONTACTS ACCEPT 24 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: CLOSED END WITHOUT  
 LOCKING RAMP.

**METRIC**

95.10	[3.744]	24	5-641225-4
91.14	[3.588]	23	5-641225-3
87.17	[3.432]	22	5-641225-2
83.21	[3.276]	21	5-641225-1
79.25	[3.120]	20	5-641225-0
75.29	[2.964]	19	4-641225-9
71.32	[2.808]	18	4-641225-8
67.36	[2.652]	17	4-641225-7
63.40	[2.496]	16	4-641225-6
59.44	[2.340]	15	4-641225-5
55.47	[2.184]	14	4-641225-4
51.51	[2.028]	13	4-641225-3
47.55	[1.872]	12	4-641225-2
43.59	[1.716]	11	4-641225-1
39.62	[1.560]	10	4-641225-0
35.66	[1.404]	9	3-641225-9
31.70	[1.248]	8	3-641225-8
27.74	[1.092]	7	3-641225-7
23.77	[.936]	6	3-641225-6
19.81	[.780]	5	3-641225-5
15.85	[.624]	4	3-641225-4
11.89	[.468]	3	3-641225-3
7.92	[.312]	2	3-641225-2
95.10	[3.744]	24	2-641225-4
91.14	[3.588]	23	2-641225-3
87.17	[3.432]	22	2-641225-2
83.21	[3.276]	21	2-641225-1
79.25	[3.120]	20	2-641225-0
75.29	[2.964]	19	1-641225-9
71.32	[2.808]	18	1-641225-8
67.36	[2.652]	17	1-641225-7
63.40	[2.496]	16	1-641225-6
59.44	[2.340]	15	1-641225-5
55.47	[2.184]	14	1-641225-4
51.51	[2.028]	13	1-641225-3
47.55	[1.872]	12	1-641225-2
43.59	[1.716]	11	1-641225-1
39.62	[1.560]	10	1-641225-0
35.66	[1.404]	9	641225-9
31.70	[1.248]	8	641225-8
27.74	[1.092]	7	641225-7
23.77	[.936]	6	641225-6
19.81	[.780]	5	641225-5
15.85	[.624]	4	641225-4
11.89	[.468]	3	641225-3
7.92	[.312]	2	641225-2
DIM A		NO OF CIRCUITS	PART NO

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B. LEWIS 11 MAR 96	Tyco Electronics Corporation Harrisburg, Pa 17105-3608	
DIMENSIONS: mm [INCHES]		CHK R. SWING 11 MAR 96	NAME D. CLARK 11 MAR 96	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC 108-1051		
0 PLC ± -		APPLICATION SPEC 114-1020		
1 PLC ± -		WEIGHT -		
2 PLC ± -		SCALE A2		
3 PLC ± 0.13 [.005]		CAGE CODE 00779		
4 PLC ± -		DRAWING NO C=641225		
ANGLES ± -		RESTRICTED TO -		
FINISH 1		CUSTOMER DRAWING		
SCALE 4:1		SHEET 1 OF 1		
REV H				

AMP 1471-9 REV 31MAR2000