



1 MATERIAL:  
 RECEPTACLE CONTACTS— PHOSPHOR BRONZE.  
 RECEPTACLE SHELL— STEEL.  
 PANEL MOUNT BRACKET— ZINC.  
 RECEPTACLE HOUSING AND TERMINATION COVERS— UL V-0 RATED THERMOPLASTIC, COLOR: BLACK.

2 PLATING:  
 RECEPTACLE CONTACTS— 0.76µm [.000030] MIN GOLD OR 0.076-0.127µm [.000003-.000005] GOLD FLASH OVER 0.76µm [.000030] MIN PALLADIUM NICKEL IN CONTACT AREA, 1.27µm [.000050] MIN TIN-LEAD IN TERMINATION AREA, ALL OVER 1.27µm [.000050] MIN NICKEL.  
 RECEPTACLE SHELL— 5.08µm [.000200] MIN NICKEL OVER 1.27µm [.000050] MIN COPPER.  
 PANEL MOUNT BRACKET— 5.08µm [.000200] MIN NICKEL OVER 7.62µm [.000300] MIN COPPER.

3. RECOMMENDED WIRE:  
 28 AWG OR 30 AWG, SOLID OR 7 STRANDED, WITH A 0.74-0.91 [.029-.036] INSULATION DIA, OR AMP .050 CENTERLINE 28 AWG, STRANDED, PVC, FLAT GRAY RIBBON CABLE, WIRE MUST BE APPROVED BY AMP INCORPORATED.

5 OBSOLETE PART NUMBER.

6 PLATING:  
 RECEPTACLE CONTACTS— 0.76µm [.000030] MIN GOLD OR 0.076-0.127µm [.000003-.000005] GOLD FLASH OVER 0.76µm [.000030] MIN PALLADIUM NICKEL IN CONTACT AREA, 1.27µm [.000050] MIN TIN IN TERMINATION AREA, ALL OVER 1.27µm [.000050] MIN NICKEL.  
 RECEPTACLE SHELL— 5.08µm [.000200] MIN NICKEL OVER 1.27µm [.000050] MIN COPPER.  
 PANEL MOUNT BRACKET— 5.08µm [.000200] MIN NICKEL OVER 7.62µm [.000300] MIN COPPER.

7 SUPERCEDED TO 5-749877-9

8 ROHS 2002/95/EC COMPLIANT

FINISH	DATE CODE	G	E	D	C	B	A	NO. OF POSN.	PART NO	
6		NO	31.12 [1.225]	84.20 [3.315]	73.13 [2.879]	78.23 [3.080]	66.45 [2.616]	62.23 [2.450]	100	5-749877-9
6		NO	20.96 [.825]	63.88 [2.515]	52.81 [2.079]	57.91 [2.280]	46.13 [1.816]	41.91 [1.650]	68	5-749877-7
6		NO	15.24 [.600]	52.45 [2.065]	41.38 [1.629]	46.48 [1.830]	34.70 [1.366]	30.48 [1.200]	50	5-749877-5
7		NO	31.12 [1.225]	84.20 [3.315]	73.13 [2.879]	78.23 [3.080]	66.45 [2.616]	62.23 [2.450]	100	1-749877-0
2		NO	31.12 [1.225]	84.20 [3.315]	73.13 [2.879]	78.23 [3.080]	66.45 [2.616]	62.23 [2.450]	100	749877-9
2		NO	20.96 [.825]	63.88 [2.515]	52.81 [2.079]	57.91 [2.280]	46.13 [1.816]	41.91 [1.650]	68	749877-7
2		NO	15.24 [.600]	52.45 [2.065]	41.38 [1.629]	46.48 [1.830]	34.70 [1.366]	30.48 [1.200]	50	749877-5
5		NO	7.62 [.300]	37.21 [1.465]	26.14 [1.029]	31.24 [1.230]	19.46 [.766]	15.24 [.600]	26	749877-1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DIN M. MCCAFFREY 08/24/89	REV J. BROSCARD 09/05/89	Tyco Electronics Corporation Harrisburg, Pa 17105-3608
0 PLC ± -	1 PLC ± -	APVD R. WHITEMAN 10/24/89	NAME	RECEPTACLE CABLE ASSEMBLY, FLAT TOP, PANEL MOUNT, AMPLIMITE .050 Series
2 PLC ± 0.13 [.005]	3 PLC ± -	APPLICATION SPEC	SIZE	108-1228
4 PLC ± -	ANGLES ± -	114-40029	WEIGHT	100779
MATERIAL 1	FINISH SEE TABLE	RESTRICTED TO	SCALE	5:1
CUSTOMER DRAWING		SHEET		1 OF 1