



1. MATERIAL
 CONTACTS: PHOSPHOR BRONZE.
 SHELL: CARBON STEEL.
 HOUSING: NYLON OR POLYESTER, UL 94V-0 RATED, BLACK.
2. FINISH
 CONTACTS: EITHER 0.76µm [.000030] MIN GOLD PLATE OR GOLD FLASH OVER PALLADIUM NICKEL PLATE, 0.76µm [.000030] MIN TOTAL FOR A LENGTH OF 3.35 [.132] MIN FROM MATING END, 1.27µm [.000050] MIN TIN-LEAD ON OPPOSITE END, ALL OVER 1.27µm [.000050] MIN NICKEL.
 SHELL: 0.25µm [.000010] MIN TIN-NICKEL OVER 3.81µm [.000150] MIN NICKEL OVER 2.54µm [.000100] MIN COPPER.
3. RECOMMENDED WIRE: 28 AWG OR 30 AWG, SOLID OR 7 STRAND, WITH A 0.74-0.91 [.029-.036] INSULATION DIAMETER. WIRE MUST BE APPROVED BY AMP INCORPORATED.

9.47 [.373]	71.86 [2.829]	66.60 [2.622]	62.23 [2.450]	100	749109-7
7.44 [.293]	51.54 [2.029]	46.28 [1.822]	41.91 [1.650]	68	749109-5
D	C	B	A	NO OF POSN	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN L. SIPE 12/17/91	Tyco Electronics Corporation Harrisburg, PA 17105-3608
DIMENSIONS: mm (INCHES)		CHK R. STONE 12/19/91	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD J. BREKOSKY 1/3/92	NAME PLUG SUBASSEMBLY AMPLIMITE .050 SERIES
0 PLC ± -	1 PLC ± -	PRODUCT SPEC 108-1228	SIZE A1
2 PLC ± 0.13 [.005]	3 PLC ± -	APPLICATION SPEC 114-40029	CAGE CODE 749109
4 PLC ± -	ANGLES ± -	WEIGHT -	RESTRICTED TO -
MATERIAL 1	FINISH 2	CUSTOMER DRAWING	
SCALE 5:1		SHEET 1 OF 1 REV F	