



- 1 POSITION TOLERANCE APPLIES AT TIP ONLY.
  - 2 NYLON, 94 V-0 RATED, BLACK.
  - 3 CARBON STEEL PER ASTM A109.
  - 4 FLAT EYELETS: BRASS; BOARDLOCKS: COPPER ALLOY; INSERTS: ZINC.
  - 5 GOLD PLATING PER MIL-G-45204; NICKEL PLATING PER QQ-N-290; TIN PLATING PER MIL-T-10727; COPPER PLATING PER MIL-C-14550.
  - 6 2.54μm [.000100] MIN TIN OVER 1.27μm [.000050] MIN COPPER.
  - 7 EYELETS: 5.08μm [.000200] MIN TIN OVER COPPER FLASH. BOARDLOCKS: 5.08μm [.000200] MIN TIN-LEAD OVER 1.27μm [.000050] MIN NICKEL. INSERT: CLEAR CHROMATE.
  - 8 GOLD PLATED FOR A LENGTH OF 3.81 [.150] MIN FROM MATING END, 0.76μm [.000030] MIN GOLD IN MATED AREA, 3.05μm [.000120] MIN TIN-LEAD FOR LENGTH OF 3.68 [.145] MIN FROM OPPOSITE END, ALL OVER 1.27μm [.000050] MIN NICKEL.
  - 9 POSITION NUMBERS SHOWN FOR REFERENCE ONLY.
10. THIS CONNECTOR IS RATED TO A TEMPERATURE OF 220° C MAX AND 90 SECOND MAXIMUM EXPOSURE TIME.

749767-1  
PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: RICHARD 17 JUL 89		AMP Incorporated	
DIMENSIONS: mm [INCHES]		CHK: J. McCLINTON 11 AUG 85		Harrisburg, PA 17105-3608	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: P. KISSINGER 11 AUG 85		NAME: PLUG ASSEMBLY, SIZE 1, 15 POSITION, RIGHT ANGLE, FRONT METAL SHELL, AMPLIMITE® HD-22	
0 PLC ±.01		PRODUCT SPEC: 108-1092		SIZE: 114-40021	
1 PLC ±.013 (0.005)		APPLICATION SPEC: 114-40021		RESTRICTED TO: -	
2 PLC ±.013 (0.005)		WEIGHT: -		A100779	
3 PLC ±.013 (0.005)		CUSTOMER DRAWING		SCALE: 4:1	
4 PLC ±.013 (0.005)		MATERIAL: HOUSING: NYLON; SHELL: CARBON STEEL; HARDWARE: CARBON STEEL		SHEET 1 OF 1	
ANGLES: ±2°		FINISH: CONTACTS: BRASS; CONTACTS: BRASS; SHELL: NICKEL; HARDWARE: CARBON STEEL		REV H	