



- 1 MATERIAL:
 PIN CONTACTS- PHOSPHOR BRONZE.
 PLUG SHELL- STEEL.
 PLUG HOUSING AND TERMINATING COVERS- UL V-O RATED THERMOPLASTIC,
 COLOR: BLACK.
- 2 FINISH:
 PIN CONTACTS- 0.76µm [.000030] MIN GOLD IN LOCALIZED GOLD PLATE AREA,
 1.27µm [.000050] MIN TIN IN TERMINATION AREA,
 ALL OVER 1.27µm [.000050] MIN NICKEL.
 PLUG 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.

2	7.44 [.293]	24.87 [.979]	19.61 [.772]	15.24 [.600]	12	26	1-5749111-0
2	9.47 [.373]	84.56 [3.329]	79.30 [3.122]	74.93 [2.950]	59	120	5749111-9
2	9.47 [.373]	71.86 [2.829]	66.60 [2.622]	62.23 [2.450]	49	100	5749111-8
2	9.47 [.373]	59.16 [2.329]	53.90 [2.122]	49.53 [1.950]	39	80	5749111-7
2	7.44 [.293]	51.54 [2.029]	46.28 [1.822]	41.91 [1.650]	33	68	5749111-6
2	7.44 [.293]	40.11 [1.579]	34.85 [1.372]	30.48 [1.200]	24	50	5749111-4
2	7.44 [.293]	33.76 [1.329]	28.50 [1.122]	24.13 [.950]	19	40	5749111-3
2	7.44 [.293]	21.06 [.829]	15.80 [.622]	11.43 [.450]	9	20	5749111-1
FINISH	E	D	C	B	A	NO OF POSN	PART NO

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm[INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DWN G. ATTADIA - DOCKS 02-23-05	CHK J. GERACE 02-23-05	APVD M. WALMSLEY 02-23-05	NAME PLUG ASSEMBLY, AMPLIMITE .050 Series
0 PLC ± -	1 PLC ± -	Tyco Electronics Corporation Harrisburg, PA 17105-3608		PRODUCT SPEC 108-1228	SIZE CASE CODE DRAWING NO A1 00779 C-5749111
2 PLC ± 0.38 [015]	3 PLC ± -	CUSTOMER DRAWING		APPLICATION SPEC 114-40029	SCALE 5:1 SHEET 1 OF 1 REV 0
4 PLC ± -	ANGLES ± -			WEIGHT -	
MATERIAL 1	FINISH SEE TABLE				