



P.C. BOARD MOUNTING DIMENSIONS  
 P.C. BOARD THICKNESS: 1.57[.062]

- 1 MATERIAL:  
 HOUSING : NYLON OR POLYESTER, FLAME RETARDANT, UL 94V-0 RATED, GLASS FILLED, BLACK.  
 CONTACTS: BRASS.  
 SHELL: CARBON STEEL.  
 EYELETS: BRASS  
 BOARDLOCKS: COPPER ALLOY.  
 INSERTS: ZINC ALLOY  
 SCREWLOCKS: ZINC ALLOY
- 2 FINISH:  
 CONTACTS: SEE TABLE  
 SHELL: 2.54µm [.000100] MIN TIN OVER 1.27µm [.000050] MIN COPPER.  
 EYELETS: 5.08µm [.000200] MIN TIN OVER COPPER FLASH.  
 BOARDLOCKS: 5.08µm [.000200] MIN TIN OVER 1.27µm [.000050] MIN NICKEL.  
 INSERTS: CLEAR CHROMATE  
 SCREWLOCKS: CLEAR CHROMATE.
- 3 GOLD PLATED FOR A LENGTH OF 3.81[.150] MIN FROM MATING END, GOLD FLASH IN MATED AREA. 2.54µm [.000100] MIN TIN FOR A LENGTH OF 3.56[.140] MIN FROM OPPOSITE END, BOTH OVER 1.27µm [.000050] MIN NICKEL.
- 4 GOLD PLATED FOR A LENGTH OF 3.81 [.150] MIN FROM MATING END, 0.76µm [.000030] MIN GOLD IN MATED AREA, 2.54µm [.000100] MIN FOR A LENGTH OF 3.56[.140] MIN FROM OPPOSITE END, BOTH OVER 1.27µm [.000050] MIN NICKEL.
- 5 DIMENSION APPLIES FROM CENTER OF CONTACTS.

SEE DETAIL E	4	5747841-6
SEE DETAIL D	4	5747841-4
SEE DETAIL D	4	5747841-3
-	4	5747841-2
MOUNTING HARDWARE	CONTACT FINISH	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWG: B. MCMASTER 15JULY05	Tyco Electronics Corporation Harrisburg, Pa 17105-3608
DIMENSIONS: mm [INCHES]		CHK: S. BOLASH 15JULY05	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: S. BOLASH 15JULY05	NAME: PLUG ASSEMBLY, SIZE 2, 15 POSITION, RIGHT ANGLE, FRONT METAL SHELL, .318 SERIES, BOARDLOCKS, AMPLIMITE® HD-20
0 PLC ± -	1 PLC ± -	2 PLC ± -	PRODUCT SPEC: 108-40025
3 PLC ± 0.13[.005]	4 PLC ± -	ANGLES ± -	APPLICATION SPEC: 114-40010
MATERIAL: 1	FINISH: 2	WEIGHT: -	SIZE: A1
CUSTOMER DRAWING		SCALE: 4:1	SHEET: 1 OF 1