



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 FLASH ON THE MATING SURFACES, 2.54µm [.000100] MIN TIN PLATE ON THE SOLDER END, 1.27µm [.000050] MIN NICKEL UNDERPLATE ON THE ENTIRE CONTACT.
- 4 0.76µm [.000030] MIN GOLD PLATE ON THE MATING SURFACES, 2.54µm [.000100] MIN TIN PLATE ON THE SOLDER END, 1.27µm [.000050] MIN NICKEL UNDERPLATE ON THE ENTIRE CONTACT
-OR-
GOLD FLASH OVER PALLADIUM-NICKEL PLATE, 0.76µm [.000030] MIN TOTAL ON THE MATING SURFACES, 2.54µm [.000100] MIN TIN PLATE ON THE SOLDER END, 1.27µm [.000050] MIN NICKEL UNDERPLATE ON THE ENTIRE CONTACT.
- 5 DIMENSION APPLIES FROM CENTER OF CONTACTS.

SEE DETAIL E	1	5747841-6
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MOUNTING HARDWARE	CONTACT FINISH	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009		DIN B1 MCMASSTER 15JULY05	S. BOLASH 15JULY05		S. BOLASH 15JULY05		S. BOLASH 15JULY05		S. BOLASH 15JULY05		S. BOLASH 15JULY05		
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: S. BOLASH 15JULY05		NAME: S. BOLASH 15JULY05		PRODUCT SPEC: 108-40025		APPLICATION SPEC: 114-40010		SIZE: A1	
MATERIAL: 1		FINISH: 2		WEIGHT: -		SCALE: 4:1		SHEET: 1 of 1		REV: C		CUSTOMER DRAWING	

STE TE Connectivity
PLUG ASSEMBLY, SIZE 2, 15 POSITION, RIGHT ANGLE, FRONT METAL SHELL, .318 SERIES, BOARDLOCKS, AMPLIMITE® HD-20

Mouser Electronics

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[5747841-3](#)