



**P.C. BOARD MOUNTING DIMENSIONS**  
 (CONNECTOR SIDE)

REV	DESCRIPTION	QTY	UNIT	NO. OF POSN	PART NO.
4	OBSOLETE	X		120	4-5749069-0
		X		100	5749069-8
		X		80	5749069-9
		X		68	5749069-7
4	OBSOLETE	X		60	5749069-6
		Y		50	5749069-5
		X		40	5749069-4
4	OBSOLETE	X		28	5749069-3
		Y		26	5749069-2
		X		20	5749069-1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DESIGNED BY	REVIEWED BY	DATE	APPROVED BY
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DR. W. HUNTER	DR. W. HUNTER		
DR. M. WILMSLEY	DR. M. WILMSLEY		

TE Connectivity  
 RECEPTACLE ASSEMBLY, SHIELDED/VERTICAL MOUNTED, AMPHIMATE 500 Series

SIZE: 4.1 INCHES  
 DATE: 11/11/03  
 DRAWING NO: A100779  
 CUSTOMER DRAWING: 5749069

- △ MATERIAL  
 HOUSING: THERMOPLASTIC, UL 94V-0 RATED, COLOR BLACK.  
 METAL SHELL: CARBON STEEL.  
 BRACKET: ZINC.  
 CONTACTS: PHOSPHOR BRONZE.
- △ FINISH  
 SHELL: 5.08µm [.000200] MIN NICKEL OVER 1.27µm [.000050] MIN COPPER.  
 BRACKET: NICKEL.  
 CONTACTS: EITHER 0.76µm [.000030] MIN GOLD OR GOLD FLASH OVER PALLADIUM NICKEL, 0.76µm [.000030] MIN TOTAL ON MATING END. 3.05µm [.000120] TIN ON SOLDER LEAD, ALL OVER 1.27µm [.000050] NICKEL UNDERPLATE.
- △ ACTUAL HOLE SIZE USED WILL DEPEND ON TRACE ROUTING REQUIREMENTS BETWEEN HOLES AND CONNECTOR PLACEMENT TECHNIQUE.
- △ OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI