



RECOMMENDED PC BOARD MOUNTING DIMENSIONS  $\Delta$   
 CONNECTOR SIDE OF BOARD

- $\Delta$  1 RECOMMENDATIONS FOR 2.36[.093] MIN THICK PC BOARD:  
 A. HOLE DIAMETER AFTER DRILLING=1.14±0.03[.045±.001]  
 B. HOLE DIAMETER AFTER TIN PLATING= 0.94-1.09 [.037-.043].  
 C. HOLE DIAMETER AFTER REFLOW= 0.91-1.09 [.036-.043].  
 D. PC BOARD PLATING TO BE 7.62µm[.000300] MIN TIN OVER 0.05±0.03[.002±.001] COPPER.
- $\Delta$  2 MATERIAL:  
 HOUSING: GLASS-FILLED NYLON OR POLYESTER, UL94V-0 RATED, COLOR:BLACK.  
 CONTACTS: COPPER ALLOY.  
 SCREWLOCKS: BRASS.
- $\Delta$  3 FINISH:  
 CONTACTS: 0.00076[.000030] MIN GOLD ON MATING SURFACES, 0.00254[.000100] MIN TIN ON COMPLIANT PIN, ALL OVER 0.00127[.000050] MIN NICKEL.  
 SCREWLOCKS: 0.00127[.000050] MIN NICKEL OVER COPPER FLASH.

5745455-2  
 PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWG G.PETERS/DTI	19MAR06		Tyco Electronics Corporation Harrisburg, PA 17105-3608	
DIMENSIONS: mm[INCHES]		CHK S.BOLASH	19MAR06		APPROV M.WALMSLEY	NAME RECEPTACLE ASSEMBLY, ACTION-PIN, 9 POSITION, HD-20, AMPLIMITE
TOLERANCES UNLESS OTHERWISE SPECIFIED:		0 PLC ± -		PRODUCT SPEC	SIZE	
		1 PLC ± -		APPLICATION SPEC	CAGE CODE	
		2 PLC ± 0.13 [.005]		108-40014	DRAWING NO	
		3 PLC ± -			A1 00779	
		4 PLC ± -			C=5745455	
		ANGLES ± -			RESTRICTED TO	
MATERIAL $\Delta$ 2		FINISH $\Delta$ 3		WEIGHT	CUSTOMER DRAWING	
				SCALE	4:1	
				SHEET	1 OF 1	
				REV	A	