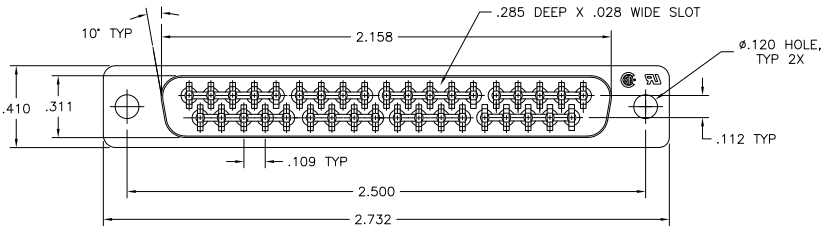


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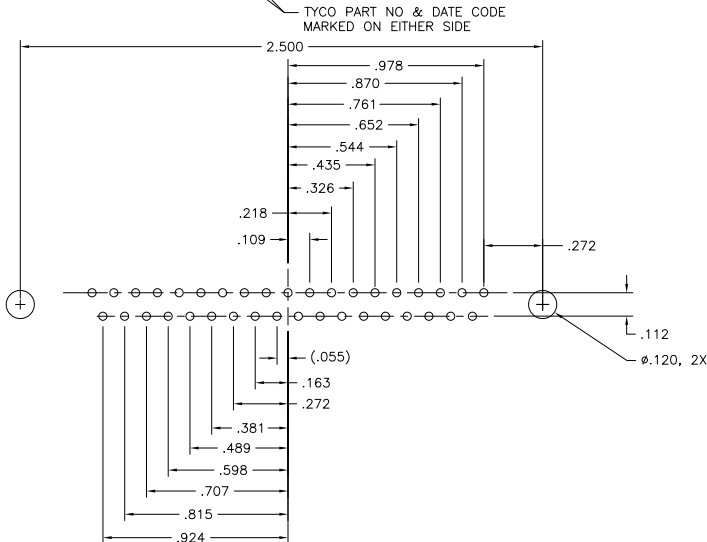
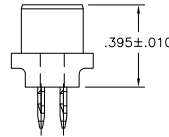
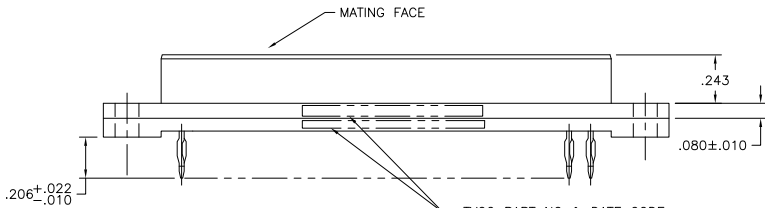
LOC		DIBT		REVISIONS			
GP	00	P	LTR	DESCRIPTION	DATE	MIN	APD
		D		REVISED PER ECO-10-019804	08NOV2010	DW	JL



- 1 RECOMMENDATIONS FOR .062 MIN THICK PC BOARD:
 A. HOLE DIAMETER AFTER DRILLING= .045±.001.
 B. HOLE DIAMETER AFTER TIN PLATING= .037-.043.
 C. HOLE DIAMETER AFTER REFLOW= .036-.043.
 D. PC BOARD PLATING TO BE .000300 MIN TIN OVER .002±.001 COPPER.

- 2 MATERIAL:
 HOUSING: NYLON OR POLYESTER, UL94V-0 RATED, COLOR: BLACK.
 CONTACTS: COPPER ALLOY.

- 3 CONTACTS:
 0.76 MICROMETERS [.000030]MIN GOLD IN MATING AREA.
 2.54 MICROMETERS [.000100]MIN TIN OR TIN-LEAD ON COMPLIANT PIN.
 ALL OVER 1.27 MICROMETERS [.000050]MIN NICKEL.
 OR
 GOLD FLASH OVER PALLADIUM NICKEL.
 0.76 MICROMETERS [.000030]MIN TOTAL IN MATING AREA.
 2.54 MICROMETERS [.000100]MIN TIN OR TIN-LEAD ON COMPLIANT PIN.
 ALL OVER 1.27 MICROMETERS [.000050]MIN NICKEL.



RECOMMENDED PC BOARD HOLE LAYOUT 1

745589-2
 PART NO

THIS DRAWING IS A CONTROLLED DOCUMENT.		DR: DWALLACE 08NOV2010	Tyco Electronics Corporation Harrisburg, PA 17105-3608
DIMENSIONS: INCHES		CHK: J LIPPERT 08NOV2010	
OTHER DIMENSIONS: MILLIMETERS		APP: J LIPPERT 08NOV2010	RECEPTACLE ASSEMBLY, ACTION-PIN, 37 POSITION, HD-20, AMPLIMITE
MATERIAL: 2		NAME: 108-40014	
FINISH: 3		APPLICATION SPEC: -	RESTRICTED TO: -
		HEIGHT: -	SIZE: A2
		CUSTOMER DRAWING	CAGE CODE: 00779
			DRAWING NO: C=745589
			SCALE: 4:1
			SHEET: 1 of 1
			REV: D