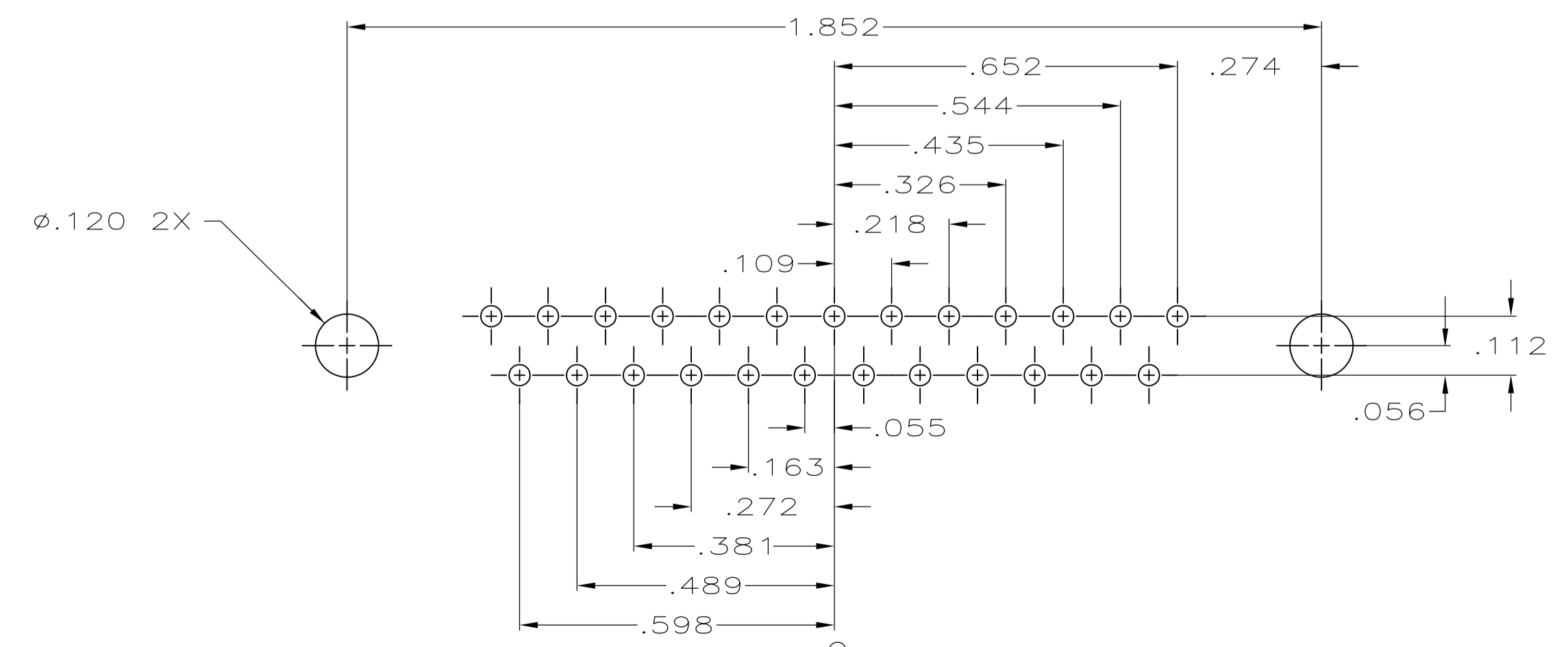


- 1 RECOMMENDATIONS FOR .093 MIN THICK PC BOARD:
 A. HOLE DIAMETER AFTER DRILLING=.045±.001.
 B. HOLE DIAMETER AFTER TIN PLATING= .037-.043.
 C. HOLE DIAMETER AFTER REFLOW= .036-.043.
 D. PC BOARD PLATING TO BE .000300 MIN TIN OVER .002±.001 COPPER.
- 2 MATERIAL:
 HOUSING: GLASS-FILLED NYLON, UL94V-0 RATED, COLOR: BLACK.
 CONTACTS: COPPER ALLOY.
 FEMALE SCREWLOCKS: BRASS.
- 3 PLATED WITH GOLD FLASH ON MATING SURFACES.
 .000100 MIN TIN ON COMPLIANT PIN, ALL OVER .000050 MIN NICKEL ON ENTIRE CONTACT.
- 4 0.76 MICROMETERS [.000030]MIN GOLD IN MATING AREA.
 2.54 MICROMETERS [.000100]MIN TIN 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 ON COMPLIANT PIN.
 ALL OVER 1.27 MICROMETERS [.000050]MIN NICKEL.
- 5 SCREWLOCKS: .000050 MIN NICKEL OVER COPPER FLASH.



PC BOARD MOUNTING DIMENSIONS 1

4	5745458-2
3	5745458-1
CONTACT FINISH	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN G. PETERS 04FEB06	Tyco Electronics Corporation Harrisburg, PA 17105-3608	
DIMENSIONS: INCHES		CHK S. BOLASH 04FEB06	Tyco Electronics	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APP'D M. WALMSLEY 04FEB06	NAME	
0. PLC ± -		RECEPTACLE ASSEMBLY, ACTION-PIN, 25 POSITION, HD-20, AMPLIMITE		
1. PLC ± -		PRODUCT SPEC		
2. PLC ± -		108-40014		
3. PLC ± .005		APPLICATION SPEC		
4. PLC ± -		SIZE		
ANGLES ± -		CAGE CODE		
		DRAWING NO		
		RESTRICTED TO		
		A1 00779 C=5745458		
MATERIAL		WEIGHT		
FINISH		CUSTOMER DRAWING		
SCALE		SHEET		
4:1		1 OF 1		
		REV		
		B		