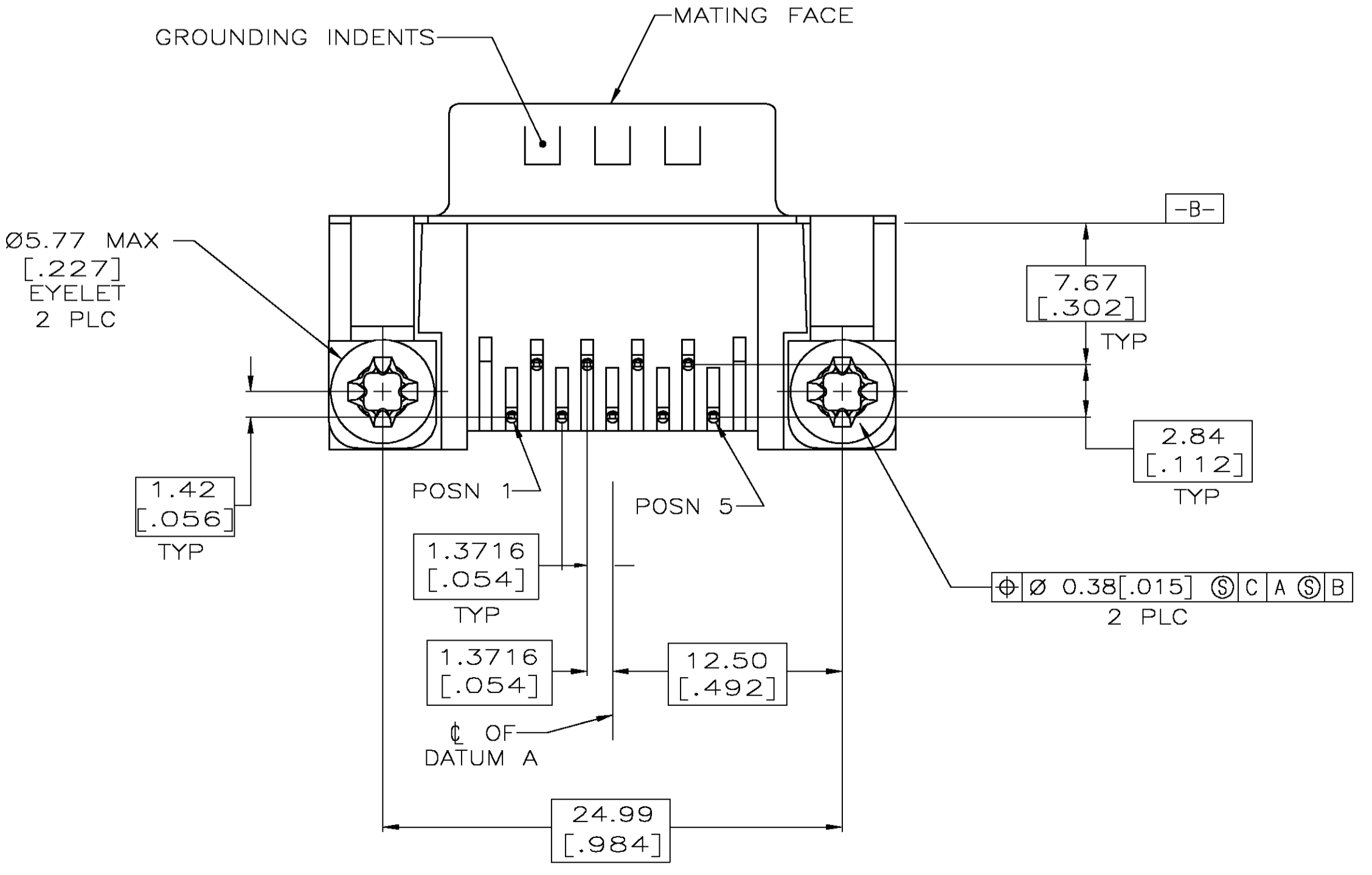
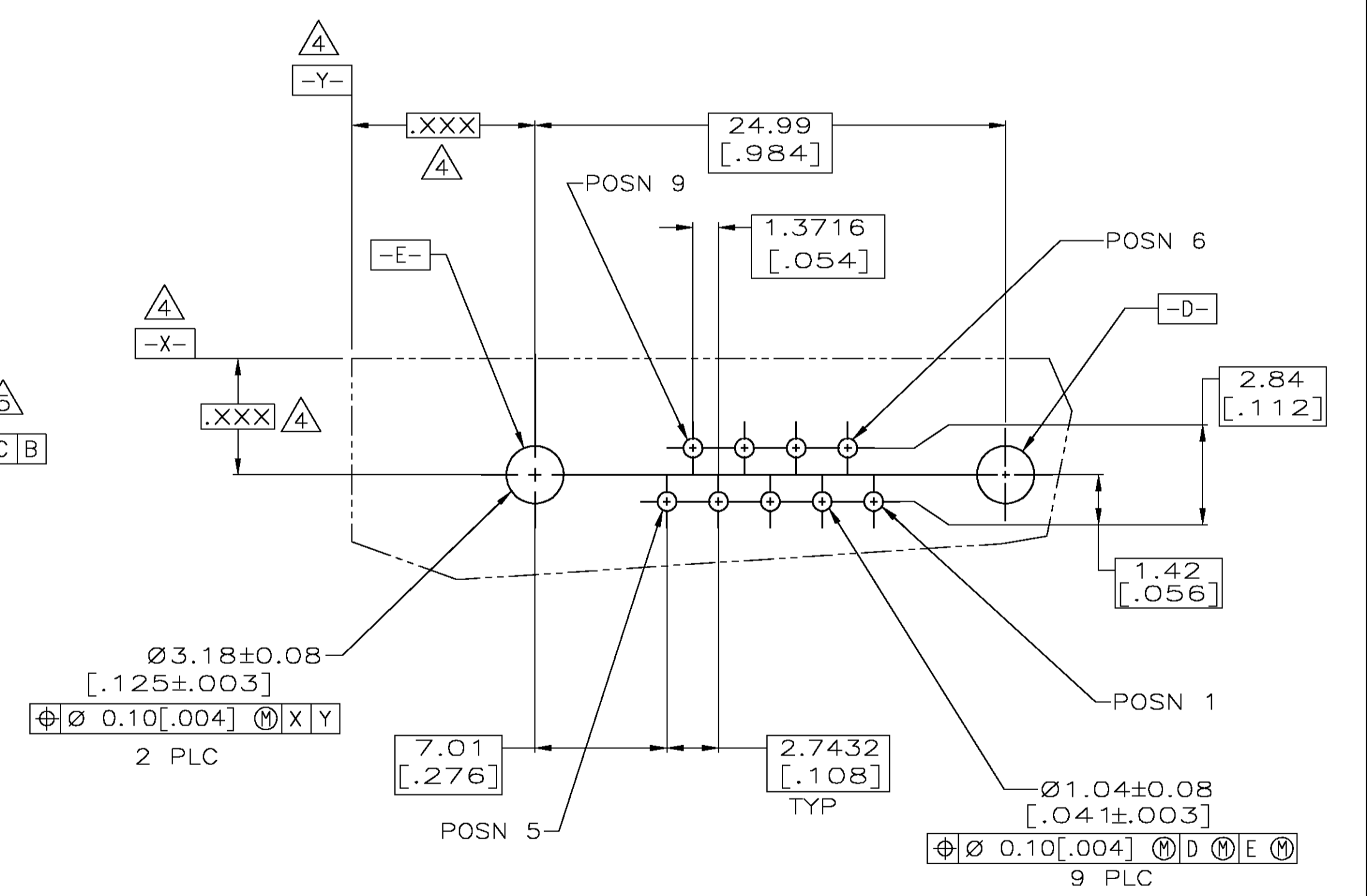
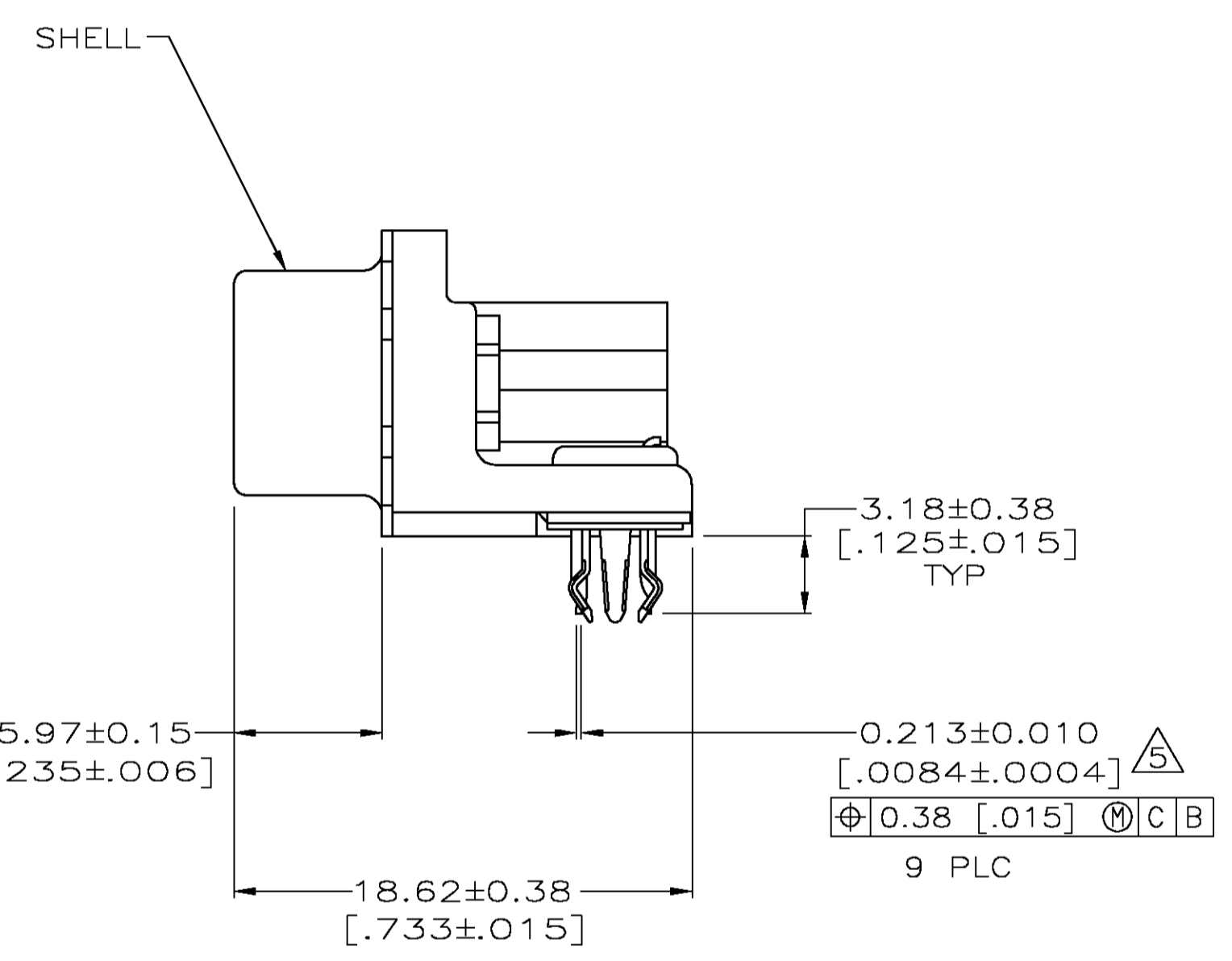
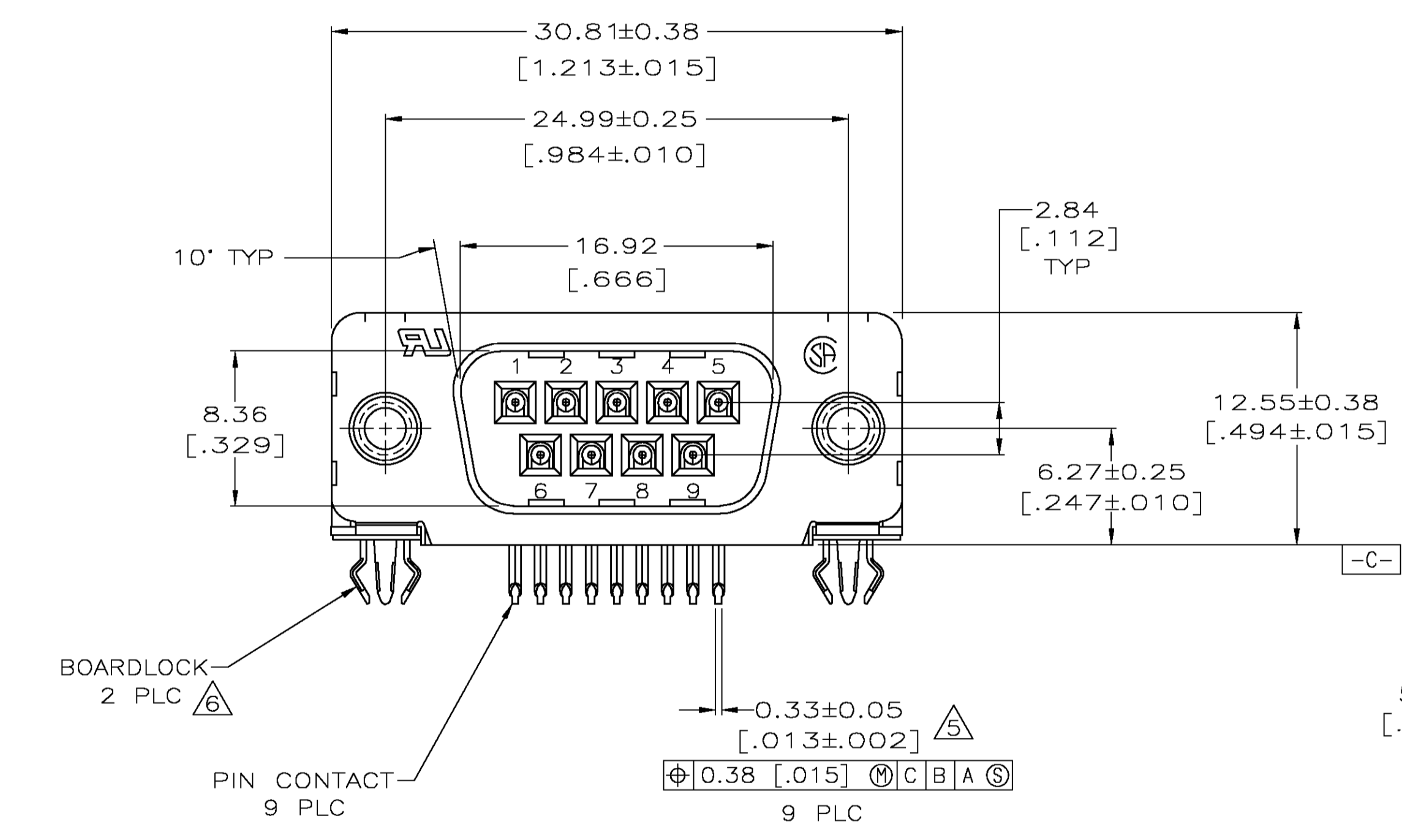


- △ HOUSING: NYLON, UL 94VO RATED, BLACK; SHELL: CARBON STEEL; PIN CONTACTS: BRASS; EYELETS: BRASS; THREADED INSERTS: ZINC; BOARDLOCKS: COPPER ALLOY.
- △ PIN CONTACTS: GOLD PLATED FOR A LENGTH OF 3.81 [.150] MIN FROM MATING END, 0.76μm [.000030] MIN GOLD IN MATED AREA, 2.54μm [.000100] MIN TIN FOR A LENGTH OF 3.56 [.140] MIN FROM OPPOSITE END, BOTH OVER 1.27μm [.000050] MIN NICKEL. EYELETS: 2.54μm [.000100] MIN TIN OVER COPPER FLASH. SHELL: 2.54μm [.000100] MIN TIN OVER 1.27μm [.000050] MIN COPPER. THREADED INSERTS: CLEAR CHROMATE. BOARDLOCKS: 3.81μm [.000150] MIN TIN OVER 1.27μm [.000050] MIN NICKEL.
- △ PIN CONTACTS: GOLD PLATED FOR A LENGTH OF 3.81 [.150] MIN FROM MATING END, GOLD FLASH IN MATED AREA, 2.54μm [.000100] MIN TIN FOR A LENGTH OF 3.56 [.140] MIN FROM OPPOSITE END, BOTH OVER 1.27μm [.000050] MIN NICKEL. EYELETS: 2.54μm [.000100] MIN TIN OVER COPPER FLASH. SHELL: 2.54μm [.000100] MIN TIN OVER 1.27μm [.000050] MIN COPPER. THREADED INSERTS: CLEAR CHROMATE. BOARDLOCKS: 3.81μm [.000150] MIN TIN OVER 1.27μm [.000050] MIN NICKEL.
- △ DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
- △ POSITION TOLERANCE APPLIES AT CONTACT TIP.
- △ BOARDLOCKS WILL ACCEPT .062 MAX PRINTED CIRCUIT BOARD THICKNESS.
- 7. COMPATIBLE WITH REFLOW SOLDERING APPLICATIONS TO A MAXIMUM OF 225°C FOR A MAXIMUM DURATION OF 90 SECONDS. TEMPERATURE TO BE MEASURED ON CONNECTOR SURFACE.



3	5788792-2
2	5788792-1
FINISH	PART NO

**COPYRIGHT 2005  
 TYCO ELECTRONICS CORP  
 ALL RIGHTS RESERVED**

THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN L VARELA - DOCKS 04-11-05		Tyco Electronics Corporation	
DIMENSIONS: mm [INCHES]		CHK S. BOLASHY 04-11-05		Harrisburg, PA 17105-3608	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M. WALMSLEY 04-11-05		NAME	
0 PLC	± -	PRODUCT SPEC		PLUG ASSEMBLY, SIZE 1, .318 SERIES, WITH FRONT METAL SHELL, HIGH TEMPERATURE, AMPLIMITE HD-20	
1 PLC	± -	APPLICATION SPEC		108-40025	
2 PLC	± 0.13 [.005]	SIZE		114-40010	
3 PLC	± -	WEIGHT		-	
4 PLC	± -	MATERIAL		SEE TABLE	
ANGLES	± -	FINISH		SEE TABLE	
MATERIAL		FINISH		CUSTOMER DRAWING	
SCALE 4:1		SHEET 1 OF 1		REV 0	