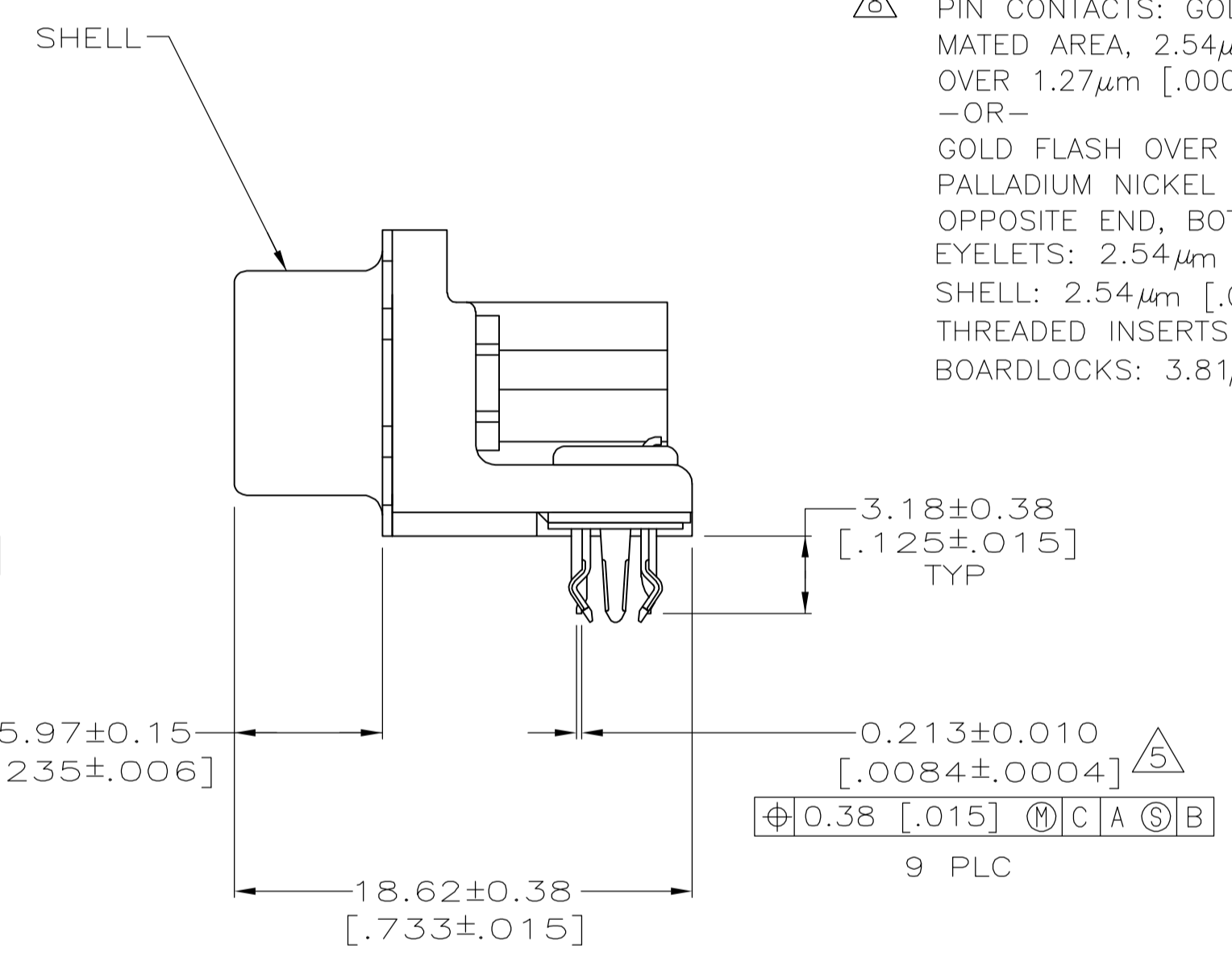
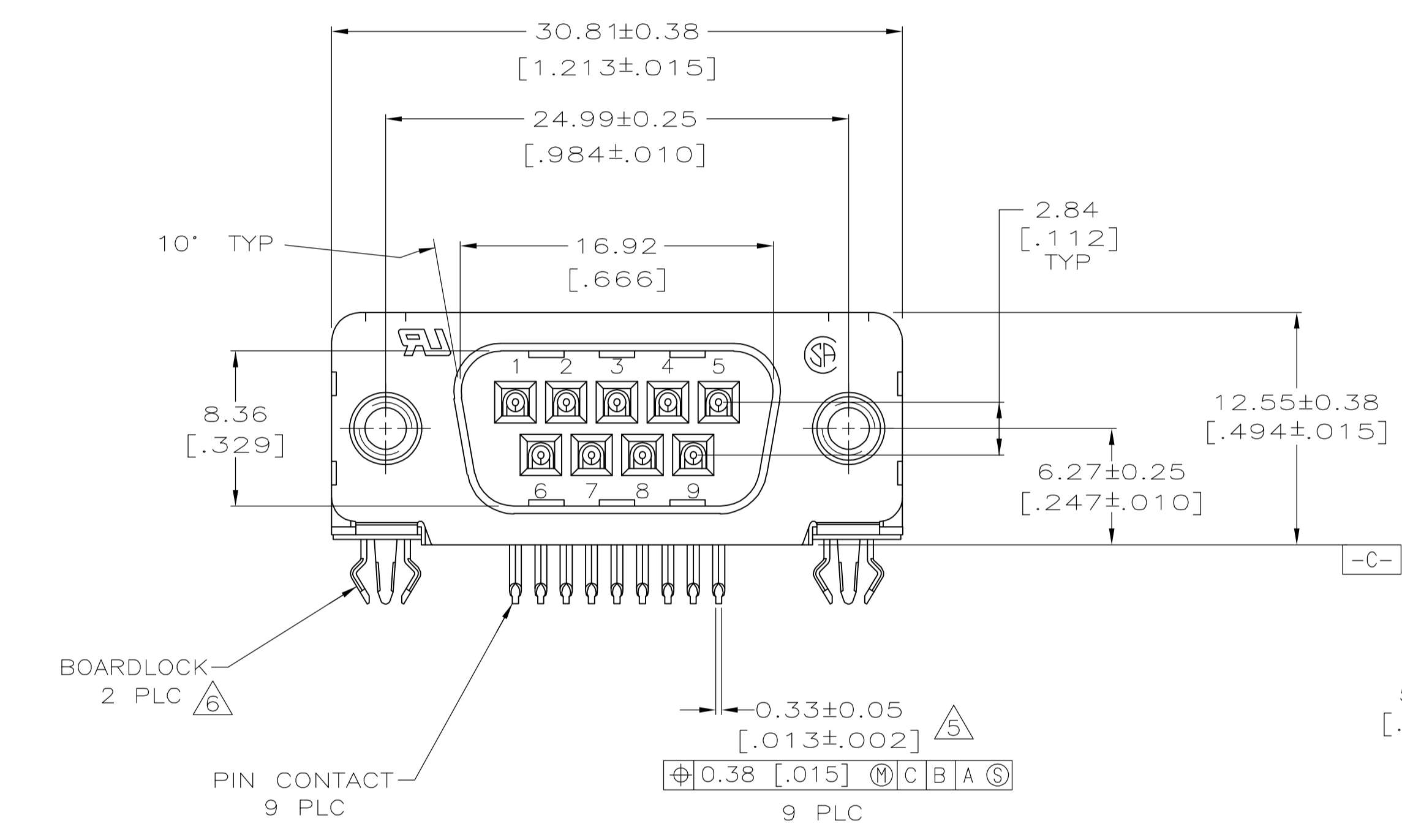
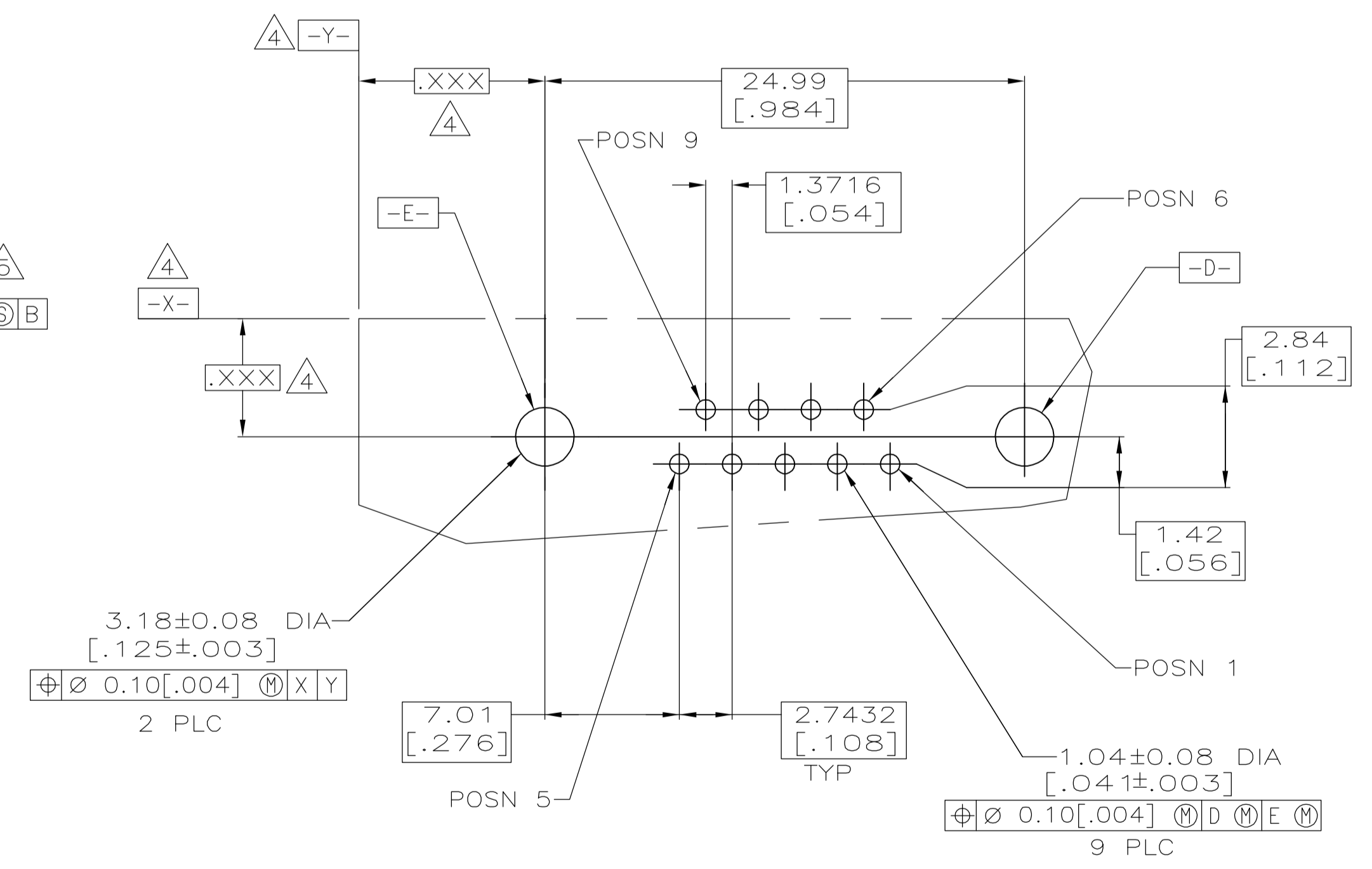
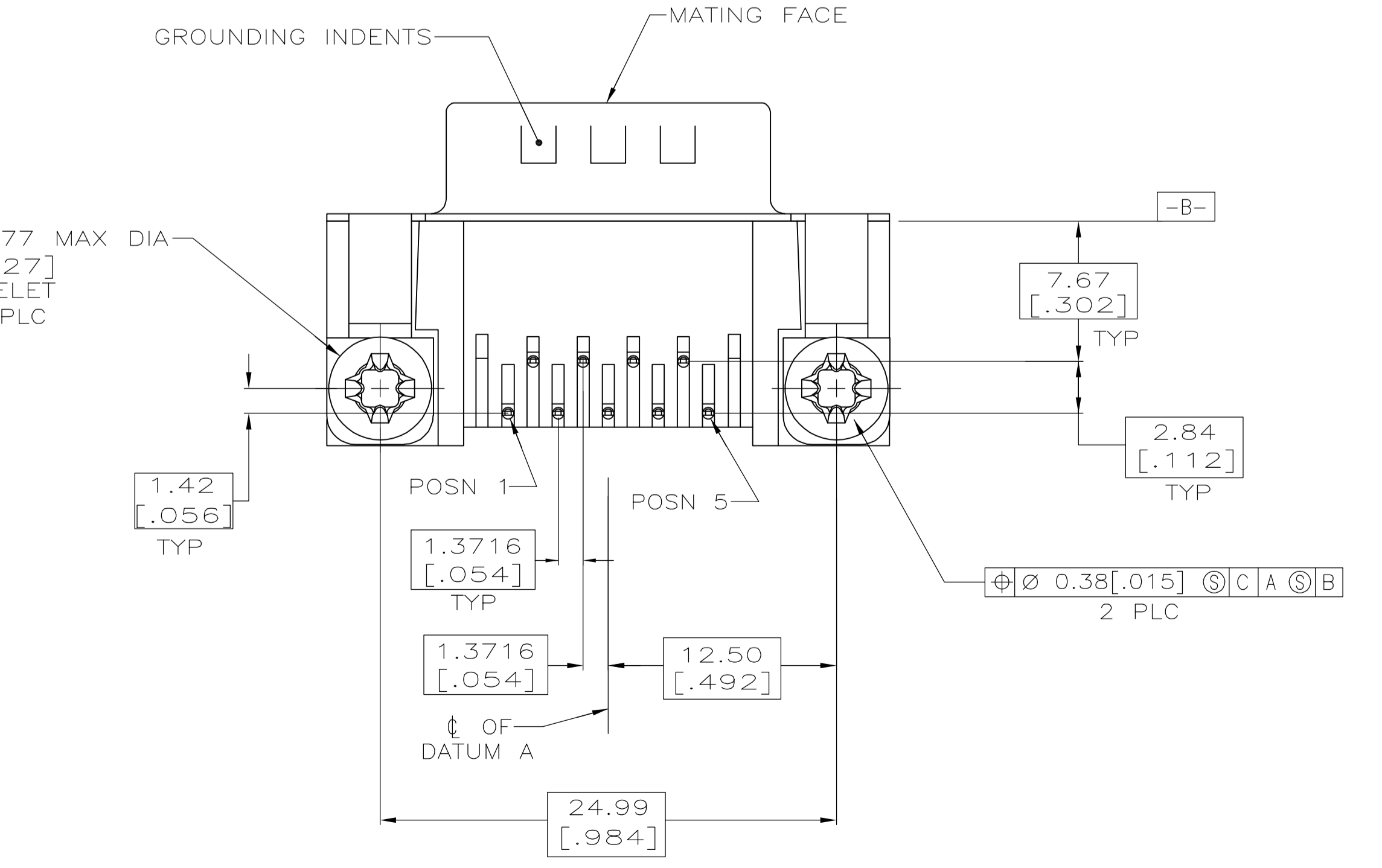


- △ HOUSING: NYLON, THERMOPLASTIC, UL 94VO RATED, BLACK; SHELL: CARBON STEEL; PIN CONTACTS: BRASS
- △ EYELETS: BRASS; THREADED INSERTS: ZINC; BOARDLOCKS: COPPER ALLOY.
- △ PIN CONTACTS: GOLD PLATED FOR A LENGTH OF 3.81 [.150] MIN FROM MATING END, 0.76μm [.000030] MIN GOLD IN MATED AREA, 2.54μm [.000100] MIN TIN OR TIN-LEAD FOR A LENGTH OF 3.56 [.140] MIN FROM OPPOSITE END, BOTH OVER 1.27μm [.000050] MIN NICKEL.
- OR-
- △ GOLD FLASH OVER PALLADIUM NICKEL PLATED FOR LENGTH OF 3.81 [.150] FROM MATING END, 0.76μm [.000030] MIN PALLADIUM NICKEL IN MATED AREA, 2.54μm [.000100] MIN TIN OR TIN-LEAD FOR A LENGTH OF 3.56 [.140] MIN FROM OPPOSITE END, BOTH OVER 1.27μm [.000050] MIN NICKEL.
- △ EYELETS: 2.54μm [.000100] MIN TIN-LEAD OR 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-LEAD 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 OR TIN-LEAD FOR A LENGTH OF 3.56 [.000100] MIN FROM OPPOSITE END, BOTH OVER 1.27μm [.000050] MIN NICKEL.
- △ EYELETS: 2.54μm [.000100] MIN TIN-LEAD OR 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-LEAD 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 TYPICAL HIGH TEMPERATURE SOLDERING APPLICATIONS TO A MAXIMUM OF 225°C FOR A MAXIMUM DURATION OF 90 SECONDS. TEMPERATURE TO BE MEASURED ON CONNECTOR SURFACE.
- △ 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 OR TIN-LEAD FOR A LENGTH OF 3.56 [.140] MIN FROM OPPOSITE END, BOTH OVER 1.27μm [.000050] MIN NICKEL.
- OR-
- △ GOLD FLASH OVER PALLADIUM NICKEL PLATED FOR LENGTH OF 3.81 [.150] FROM MATING END, 0.76μm [.000030] MIN PALLADIUM NICKEL IN MATED AREA, 2.54μm [.000100] MIN TIN OR TIN-LEAD FOR A LENGTH OF 3.56 [.140] MIN FROM OPPOSITE END, BOTH OVER 1.27μm [.000050] MIN NICKEL.
- △ EYELETS: 2.54μm [.000100] MIN TIN-LEAD OR 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.



RECOMMENDED PC BOARD LAYOUT

1.57 [.062] PC BOARD THICKNESS

OBSOLETE	△8	6-788792-7
	△3	788792-2
	△2	788792-1
	FINISH	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN D.BROCKWAY 23 FEB 00		tyco Tyco Electronics Corporation	
DIMENSIONS: mm [INCHES]		CHK J.KOPPENHEFFER 29 FEB 00		Harrisburg, PA 17105-3608	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD J.KOPPENHEFFER 29 FEB 00		NAME	
0 PLC ± -	1 PLC ± -	PRODUCT SPEC		PLUG ASSEMBLY, SIZE 1, 318 SERIES, WITH FRONT METAL SHELL, HIGH TEMPERATURE, AMPLIMITE™ HD-20	
2 PLC ± 0.13 [.005]	3 PLC ± -	APPLICATION SPEC		108-40025	
4 PLC ± -	ANGLES ± -	DRAWING NO		SIZE	
MATERIAL		114-40010		A1 00779C=788792	
FINISH		WEIGHT		RESTRICTED TO	
SEE TABLE		CUSTOMER DRAWING		SCALE 4:1 SHEET 1 OF 1 REV C	