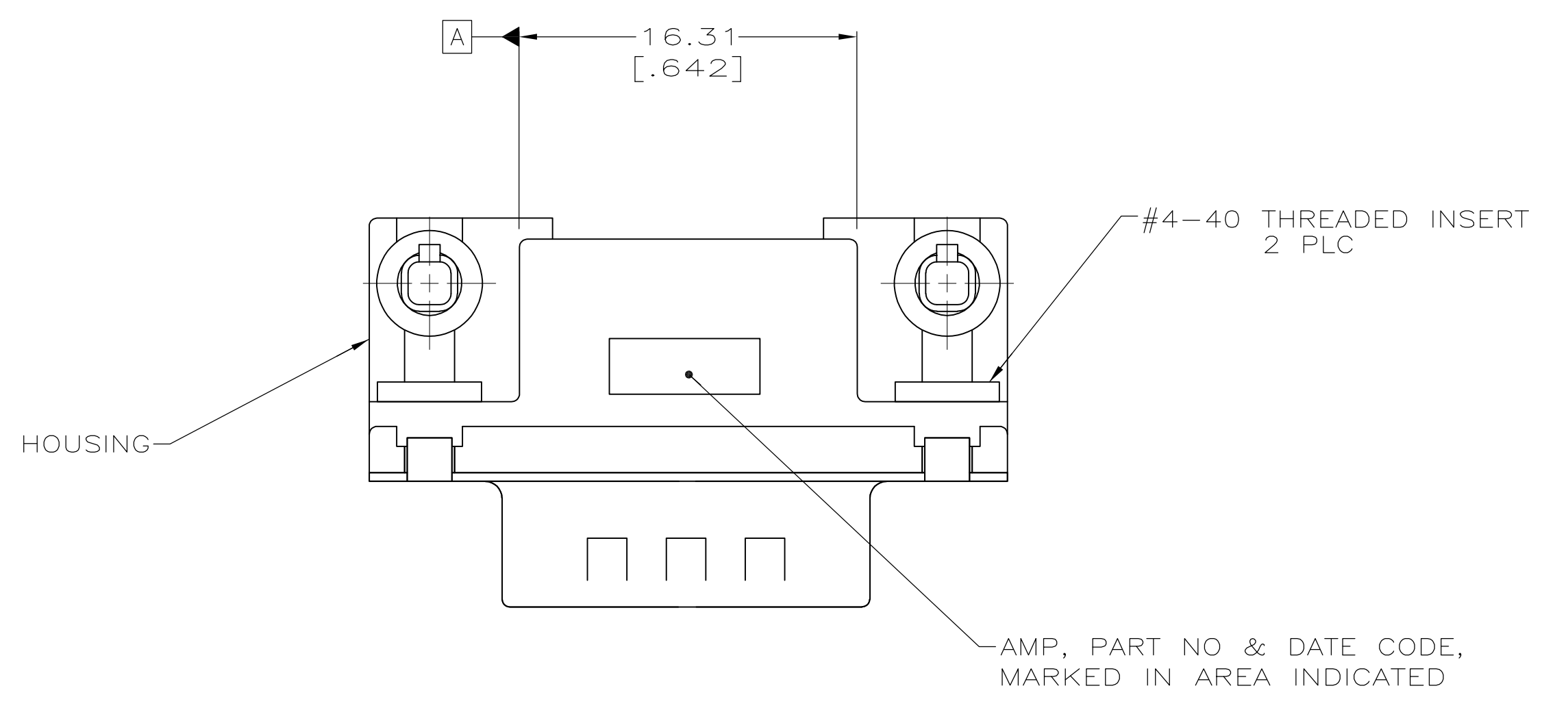


LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION	DATE	DN	APVD		
E		REVISED PER ECO-12-022391	02JAN2013	CJV	SLB		



1 HOUSING: NYLON, THERMOPLASTIC, UL 94VO RATED, BLACK.
 SHELL: CARBON STEEL.
 PIN CONTACTS: BRASS
 EYELETS: BRASS.
 THREADED INSERTS: ZINC.
 BOARDLOCKS: COPPER ALLOY.

2 PIN CONTACTS: 0.76µm[.000030] MIN GOLD PLATE ON THE MATING SURFACES, 2.54µm[.000100] MIN TIN OR TIN-LEAD PLATE ON THE SOLDER END, 1.27µm[.000050] MIN NICKEL UNDERPLATE ON THE ENTIRE CONTACT
 -OR-
 GOLD FLASH OVER PALLADIUM-NICKEL PLATE, 0.76µm[.000030] MIN TOTAL ON THE MATING SURFACES, 2.54µm[.000100] MIN TIN OR TIN-LEAD PLATE ON THE SOLDER END, 1.27µm[.000050] MIN NICKEL UNDERPLATE ON THE ENTIRE CONTACT.
 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.

3 PIN CONTACTS: GOLD FLASH ON THE MATING SURFACES, 2.54µm[.000100] MIN TIN OR TIN-LEAD PLATE ON THE SOLDER END, 1.27µm[.000050] MIN NICKEL UNDERPLATE ON THE ENTIRE CONTACT.
 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.

4 DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.

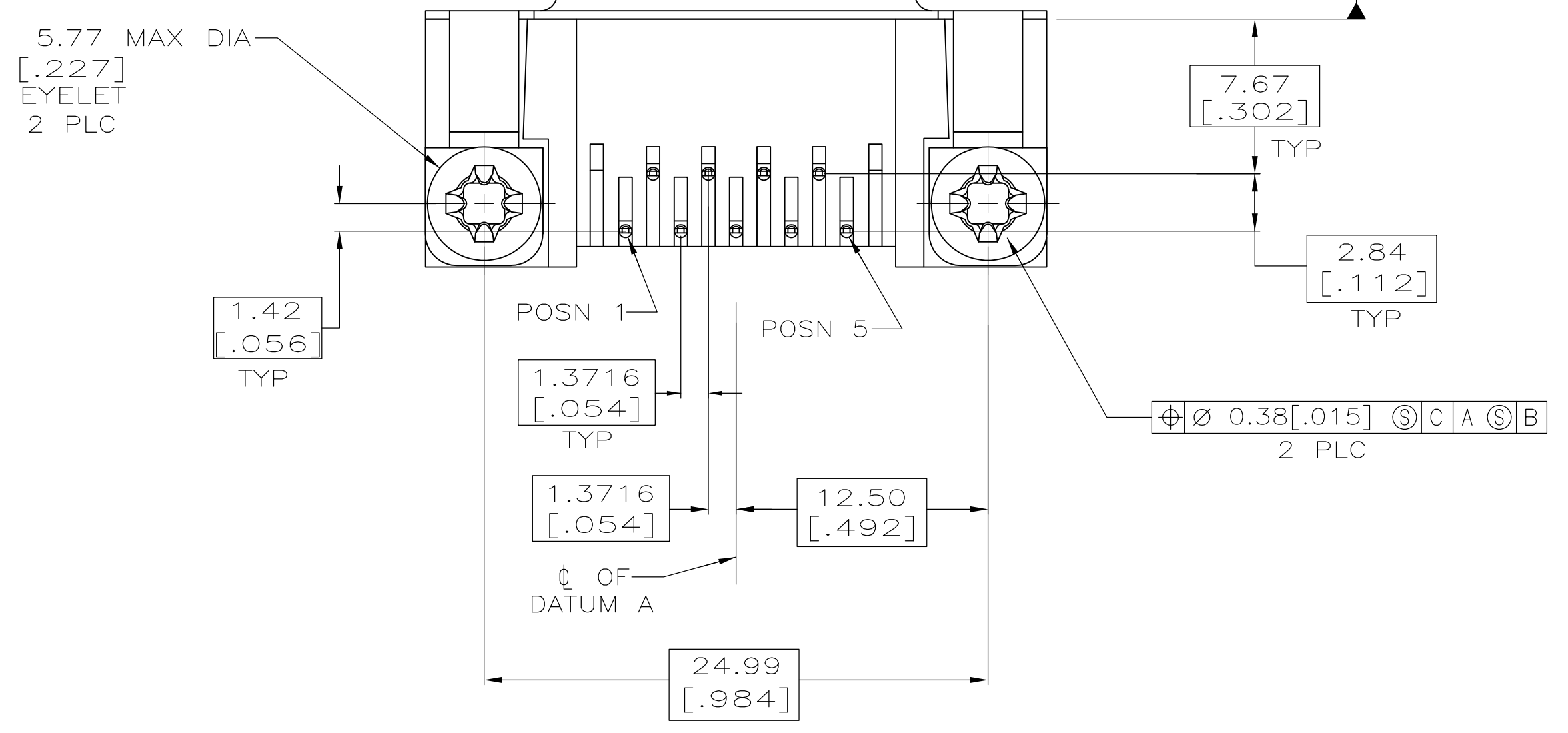
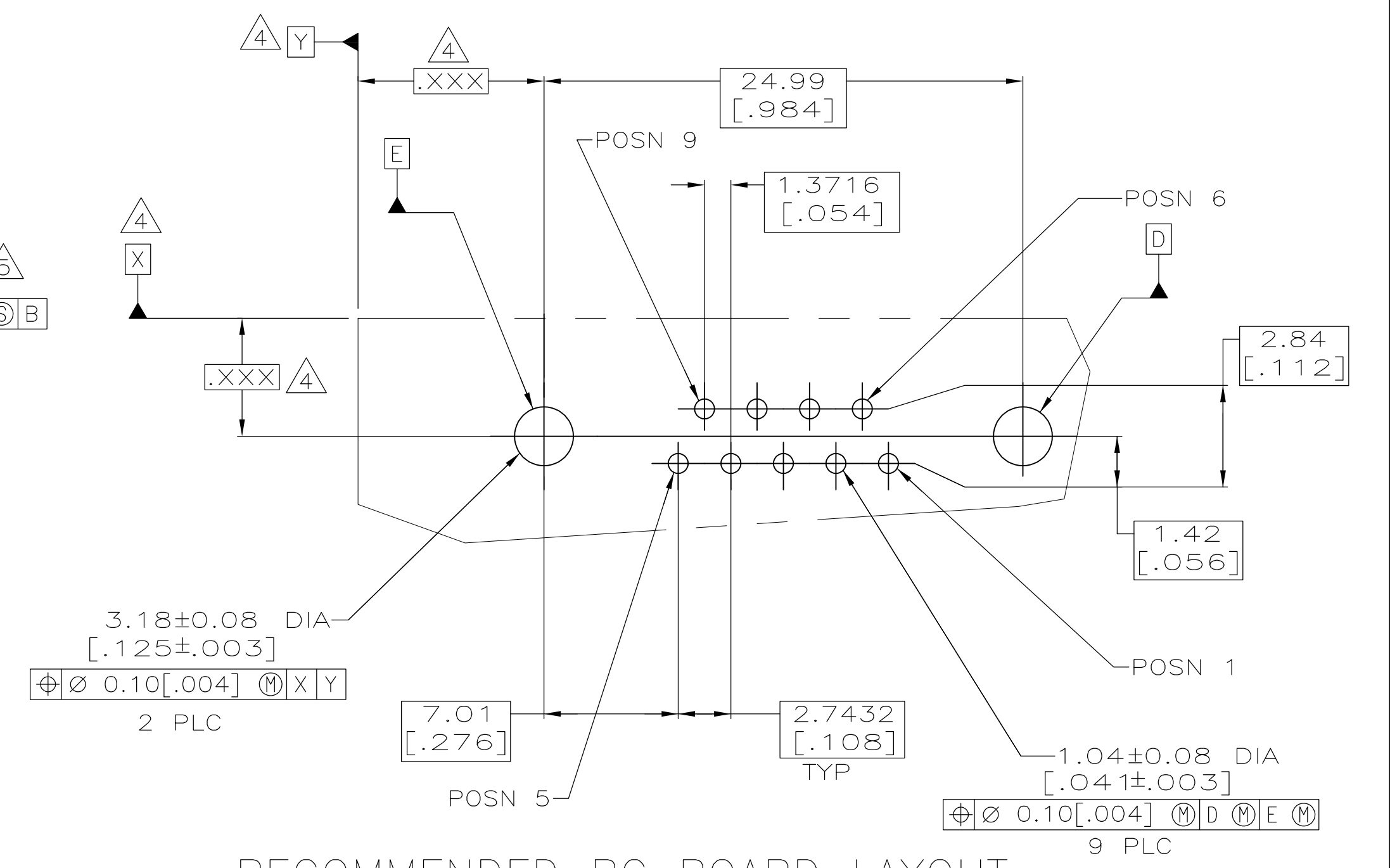
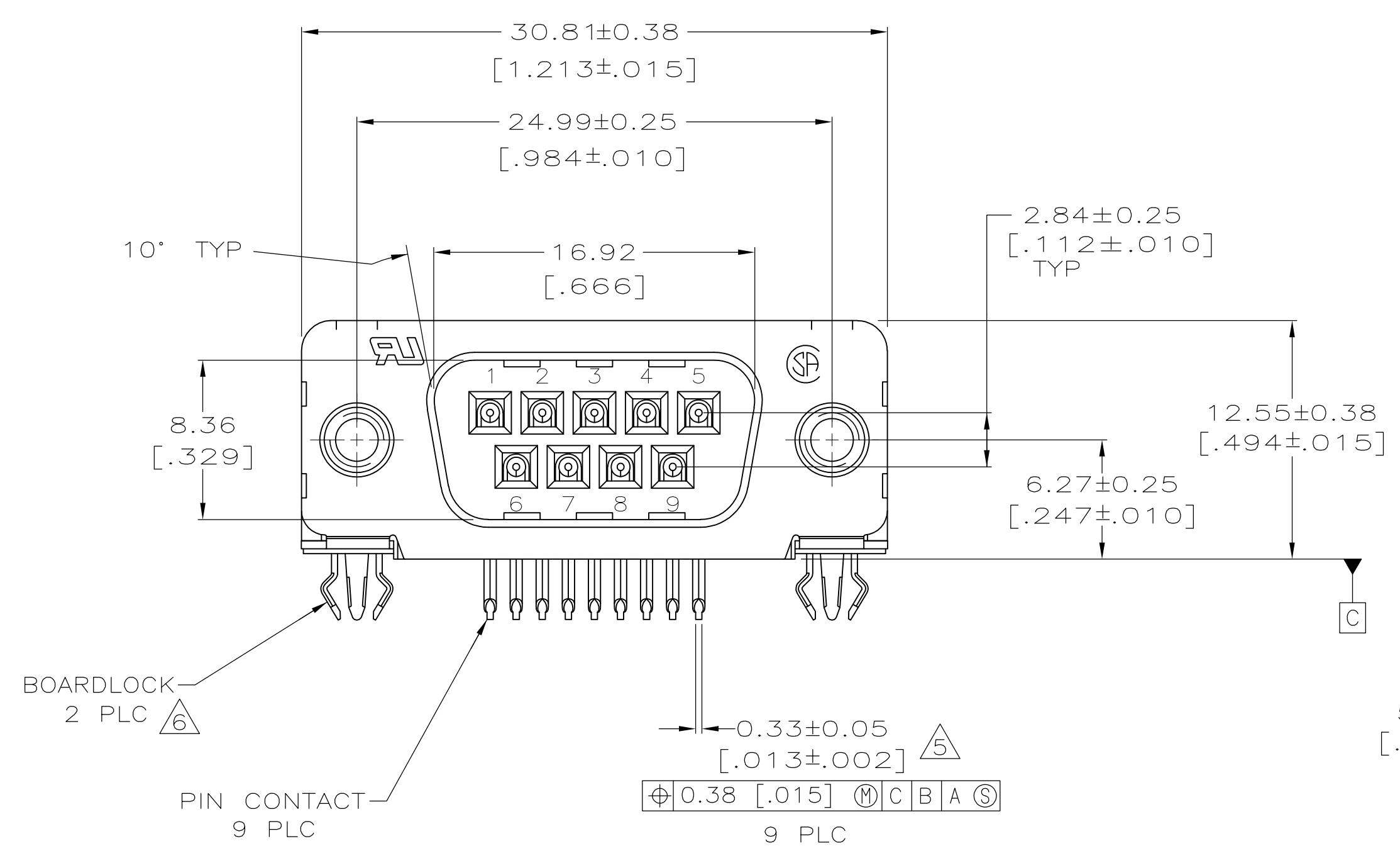
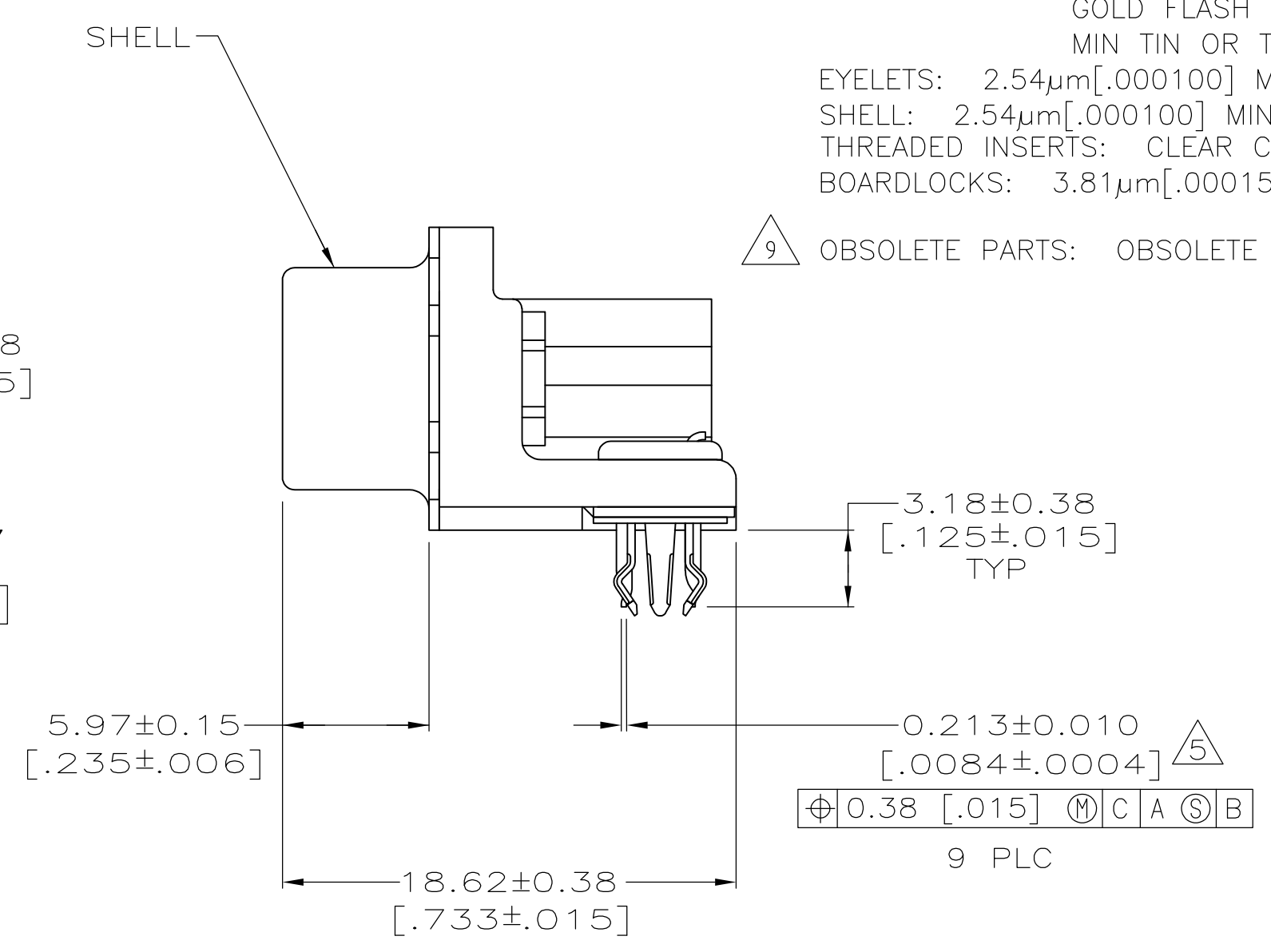
5 POSITION TOLERANCE APPLIES AT CONTACT TIP.

6 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.

8 PIN CONTACTS: 0.76µm[.000030] MIN GOLD PLATE ON THE MATING SURFACES, 2.54µm[.000100] MIN TIN OR TIN-LEAD PLATE ON THE SOLDER END, 1.27µm[.000050] MIN NICKEL UNDERPLATE ON THE ENTIRE CONTACT
 -OR-
 GOLD FLASH OVER PALLADIUM-NICKEL PLATE, 0.76µm[.000030] MIN TOTAL ON THE MATING SURFACES, 2.54µm[.000100] MIN TIN OR TIN-LEAD PLATE ON THE SOLDER END, 1.27µm[.000050] MIN NICKEL UNDERPLATE ON THE ENTIRE CONTACT.
 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.

9 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI.



9 OBSOLETE	8	6-788792-7
SUP BY 5788792-2	3	788792-2
	2	788792-1
FINISH		PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009		DIN D.BROCKWAY 23 FEB 00		STE TE Connectivity	
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
0 PLC	±	0.13 [005]	APVD J.KOPPENHEFFER 29 FEB 00	PLUG ASSEMBLY, SIZE 1, .318 SERIES, WITH FRONT METAL SHELL, HIGH TEMPERATURE, AMPLIMITE™ HD-20	
1 PLC	±		PRODUCT SPEC	108-40025	
2 PLC	±		APPLICATION SPEC	114-40010	
3 PLC	±		SIZE	A1	
4 PLC	±		WEIGHT	00779 C=788792	
ANGLES	±		CUSTOMER DRAWING	SCALE 4:1 SHEET 1 OF 1 REV E	
MATERIAL	FINISH	SEE TABLE			