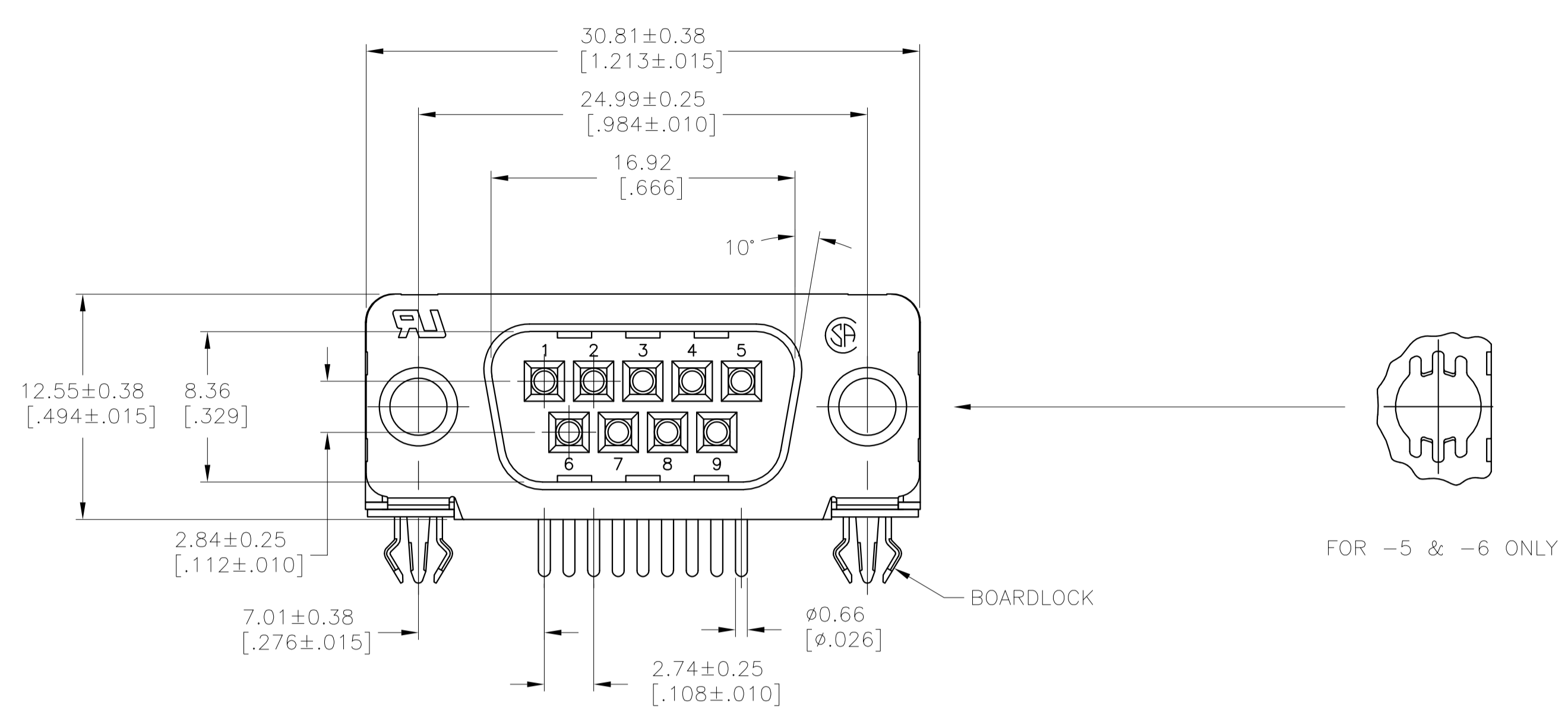
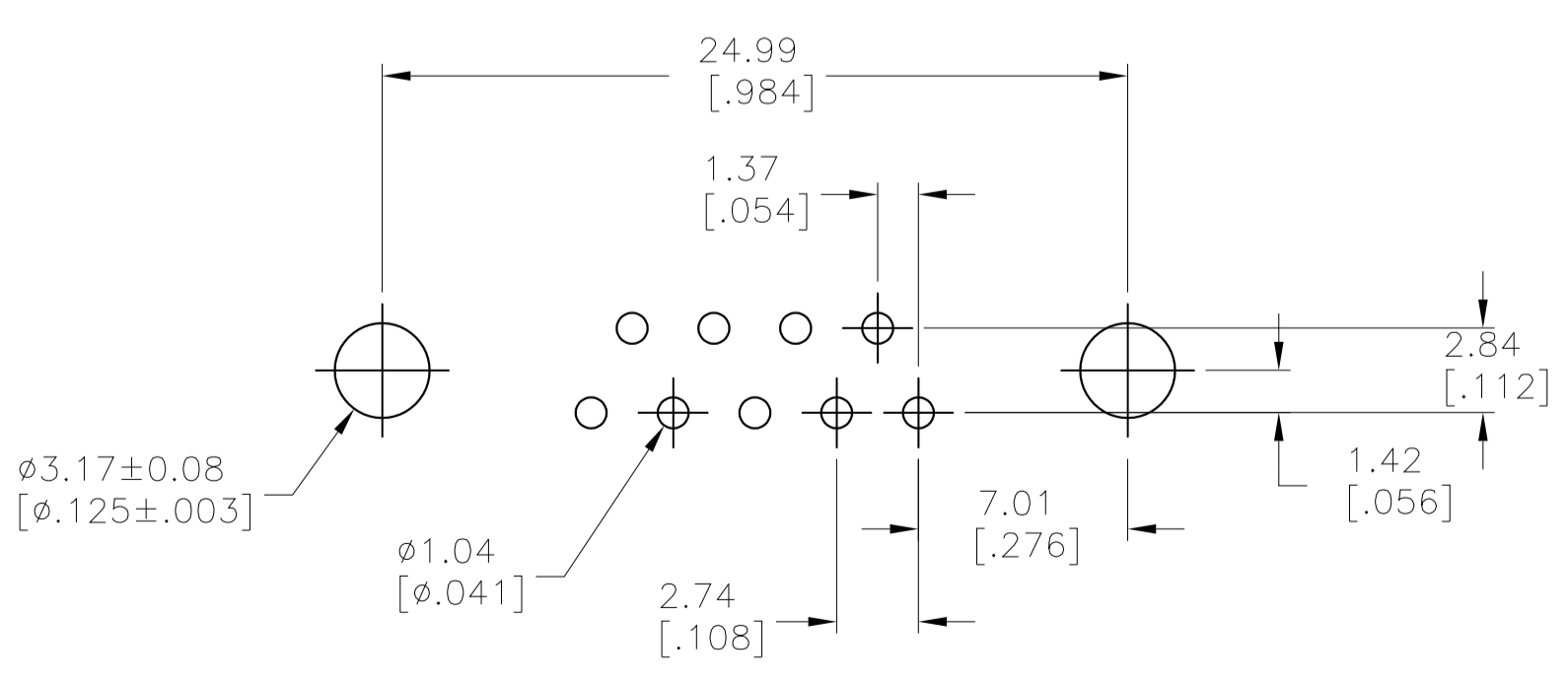
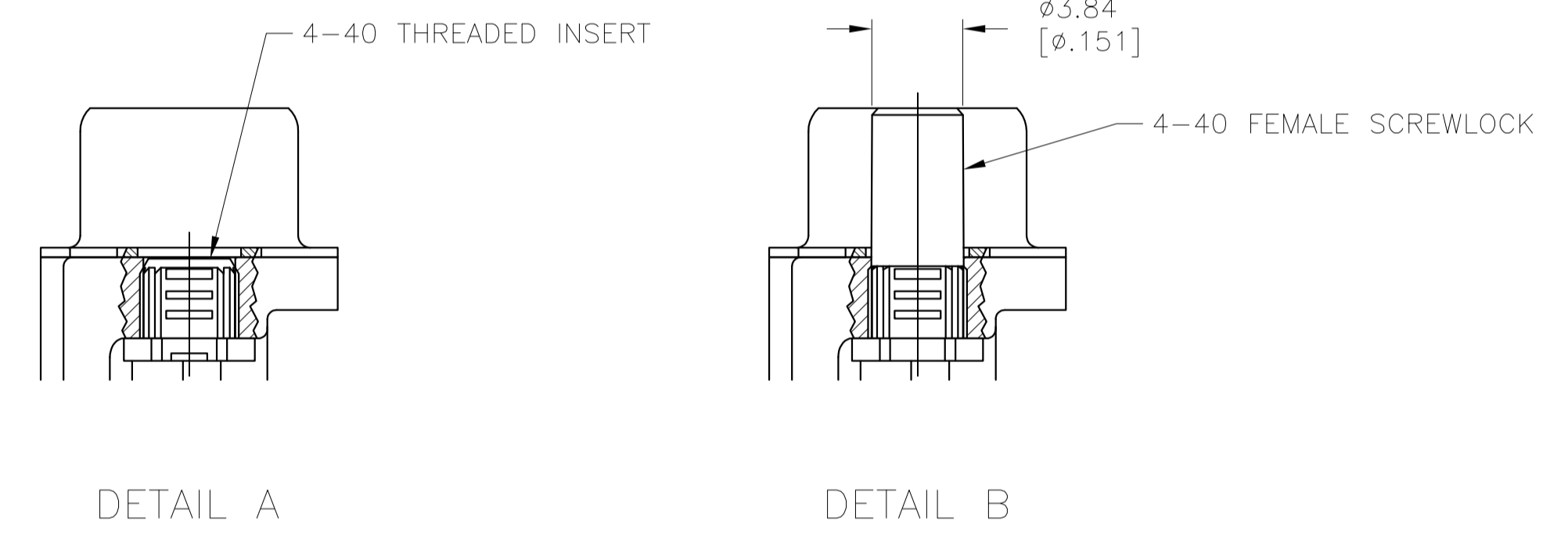
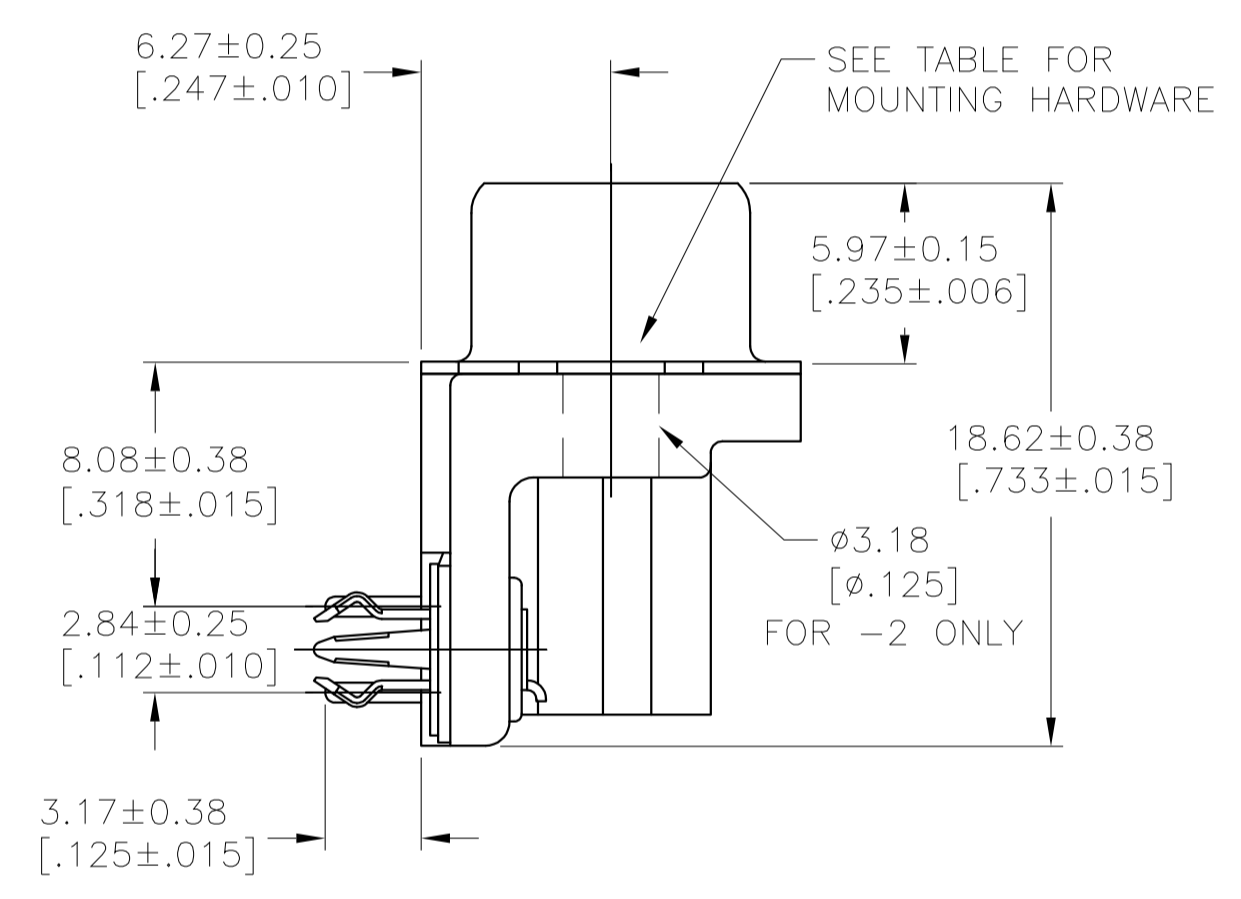
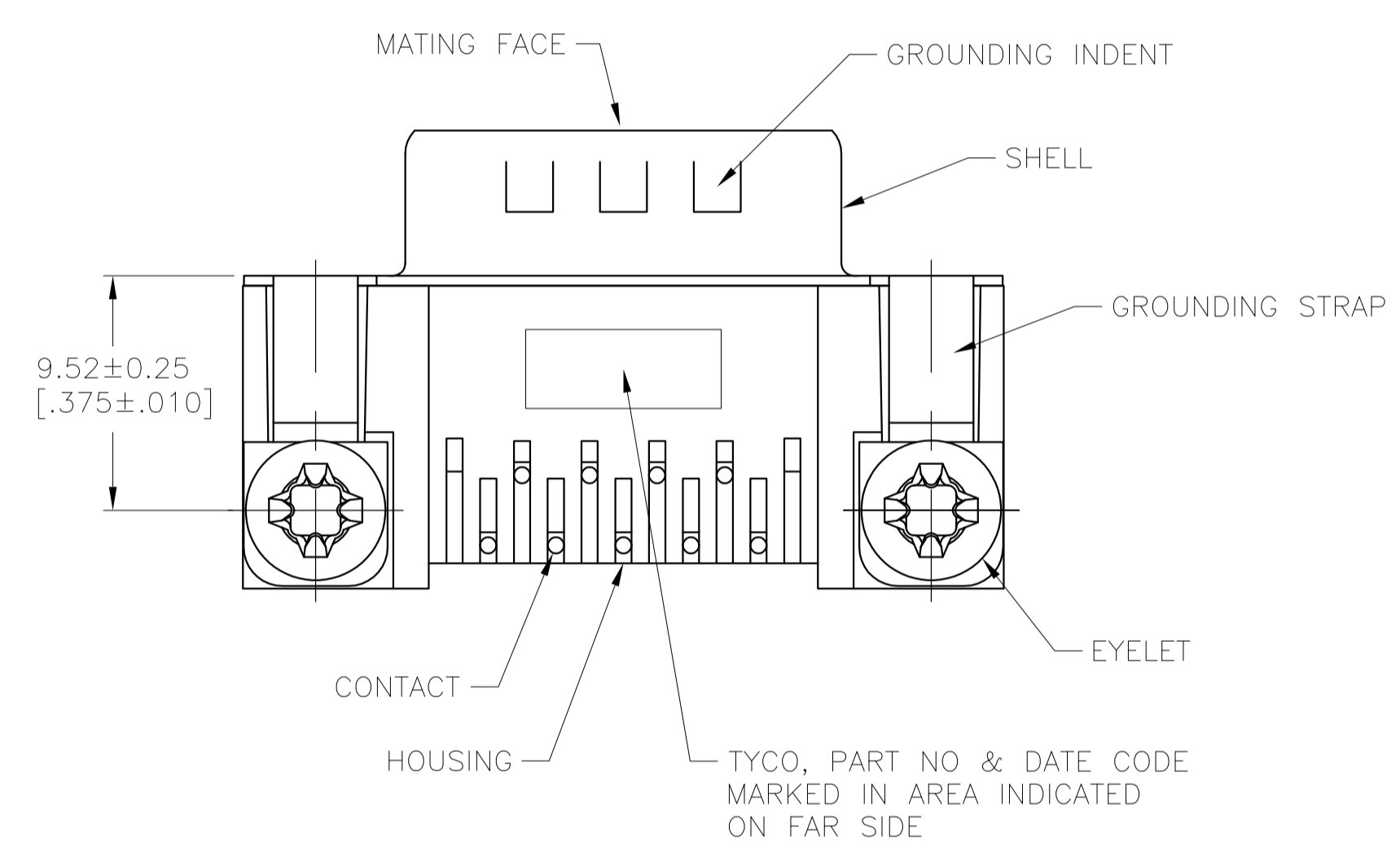


LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION	DATE	DMN	APVD		
D		REVISED PER ECO-12-022391	02JAN2013	CJV	SLB		



- 1 HOUSING: NYLON OR POLYESTER, FLAME RETARDANT, 94V-0 RATED, COLOR BLACK.
SHELL: CARBON STEEL.
CONTACTS: BRASS.
EYELETS: BRASS.
BOARDLOCKS: COPPER ALLOY.
INSERTS: ZINC.
SCREWLOCKS: ZINC.
- 2 SHELL: .00254µm[.000100] MIN TIN OVER .00127µm[.000050] MIN COPPER.
CONTACTS: SEE TABLE.
EYELETS: .00508µm[.000200] MIN TIN OVER COPPER FLASH.
BOARDLOCKS: .00508µm[.000200] MIN TIN OVER .00127µm[.000050] MIN NICKEL.
INSERTS: CLEAR CHROMATE.
SCREWLOCKS: CLEAR CHROMATE.
- 3 0.76µm[.000030] MIN GOLD PLATE ON THE MATING SURFACES, 2.54µm[.000100] MIN TIN 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 PLATE ON THE SOLDER END, 1.27µm[.000050] MIN NICKEL UNDERPLATE ON THE ENTIRE CONTACT.
- 4 GOLD FLASH ON MATING END, .00254µm[.000100] MIN TIN ON SOLDER END, ALL OVER .00127µm[.000050] MIN NICKEL.



RECOMMENDED PC BOARD LAYOUT
1.57[.062] PC BOARD
(VIEWED FROM CONNECTOR SIDE)

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1	SEE DETAIL B	5747840-6
2	SEE DETAIL B	5747840-5
3	SEE DETAIL A	5747840-4
4	SEE DETAIL A	5747840-3
	NONE	5747840-2
	CONTACT FINISH	MOUNTING HARDWARE
		PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009		DIN	J. GERACE	07FEB05
DIMENSIONS: INCHES		CIK	S. BOLASH	07FEB05
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	M. WALMSLEY	07FEB05
0. PLC	± .005	NAME	PLUG ASSEMBLY, SIZE 1, 9 POS, RIGHT ANGLE, FRONT METAL SHELL, 8.08[.318] SERIES, AMPLIMITE HD-20	
1. PLC	± .005	PRODUCT SPEC	108-40025	
2. PLC	± .005	APPLICATION SPEC	114-40010	
3. PLC	± 0.13(.005)	SIZE	A1	
4. PLC	± .005	WEIGHT	00779	
ANGLES	± .2°	CAGE CODE	5747840	
MATERIAL		RESTRICTED TO	CUSTOMER DRAWING	
FINISH		SCALE	4:1	
		SHEET	1 OF 1	
		REV	D	