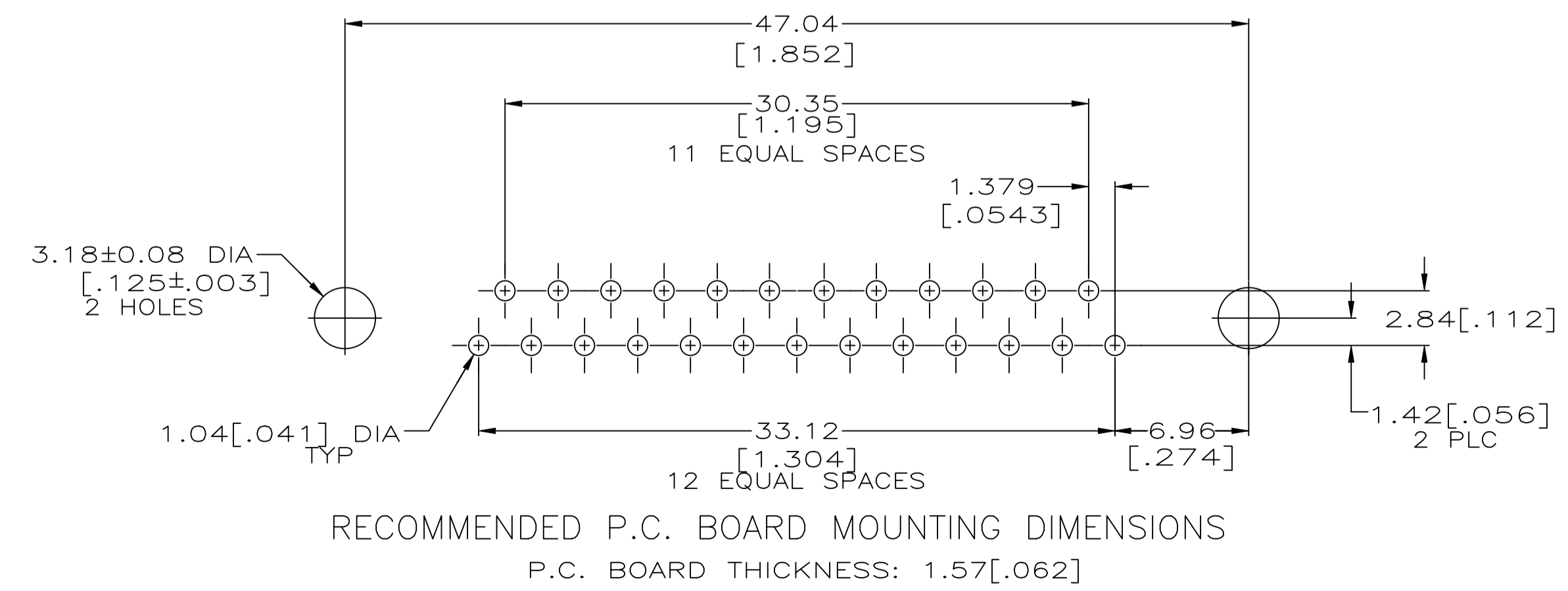
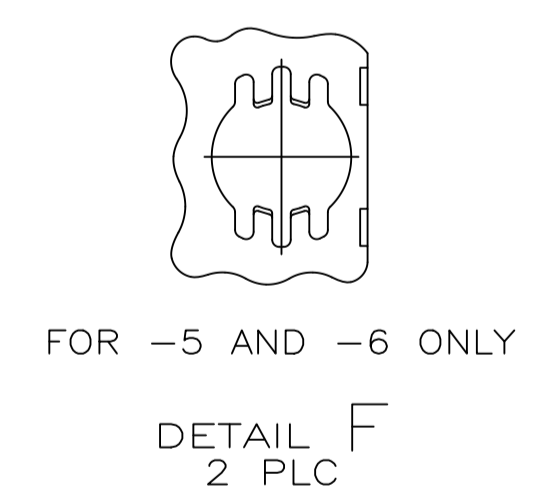
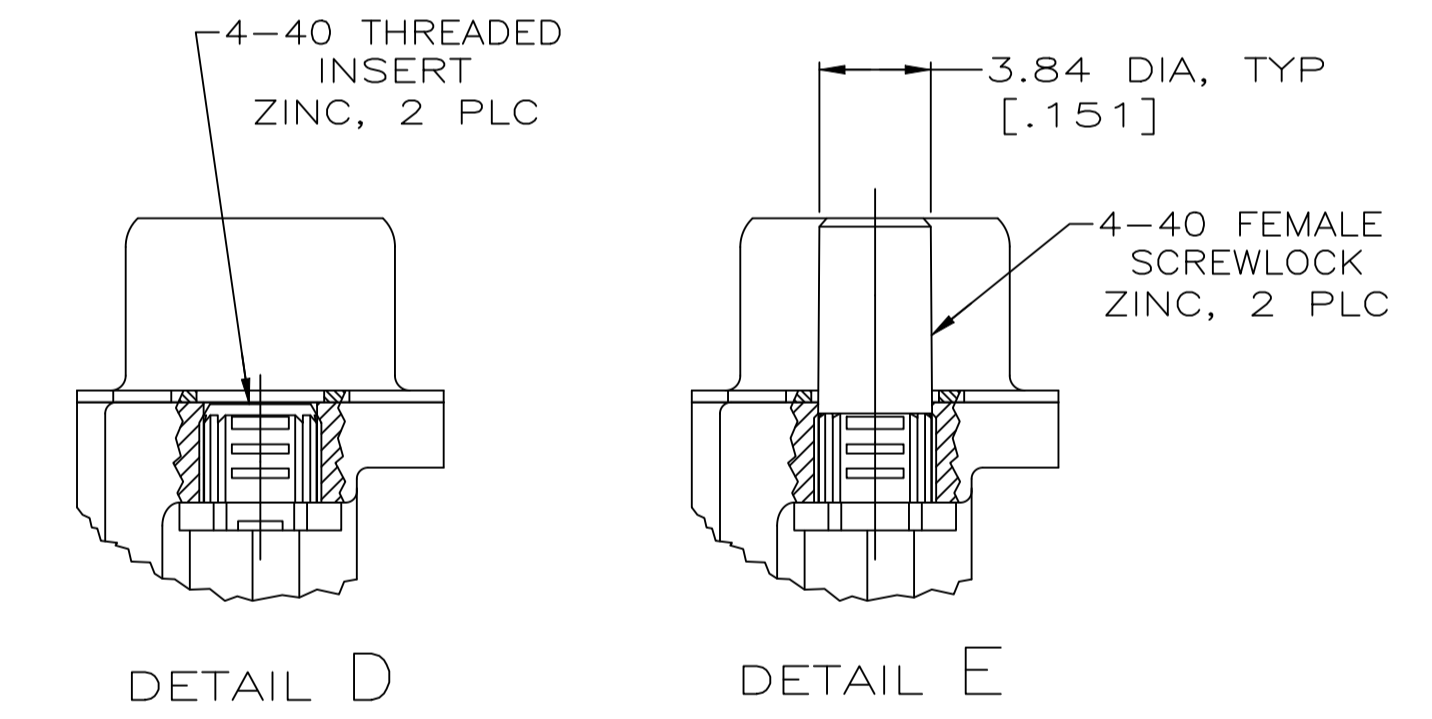
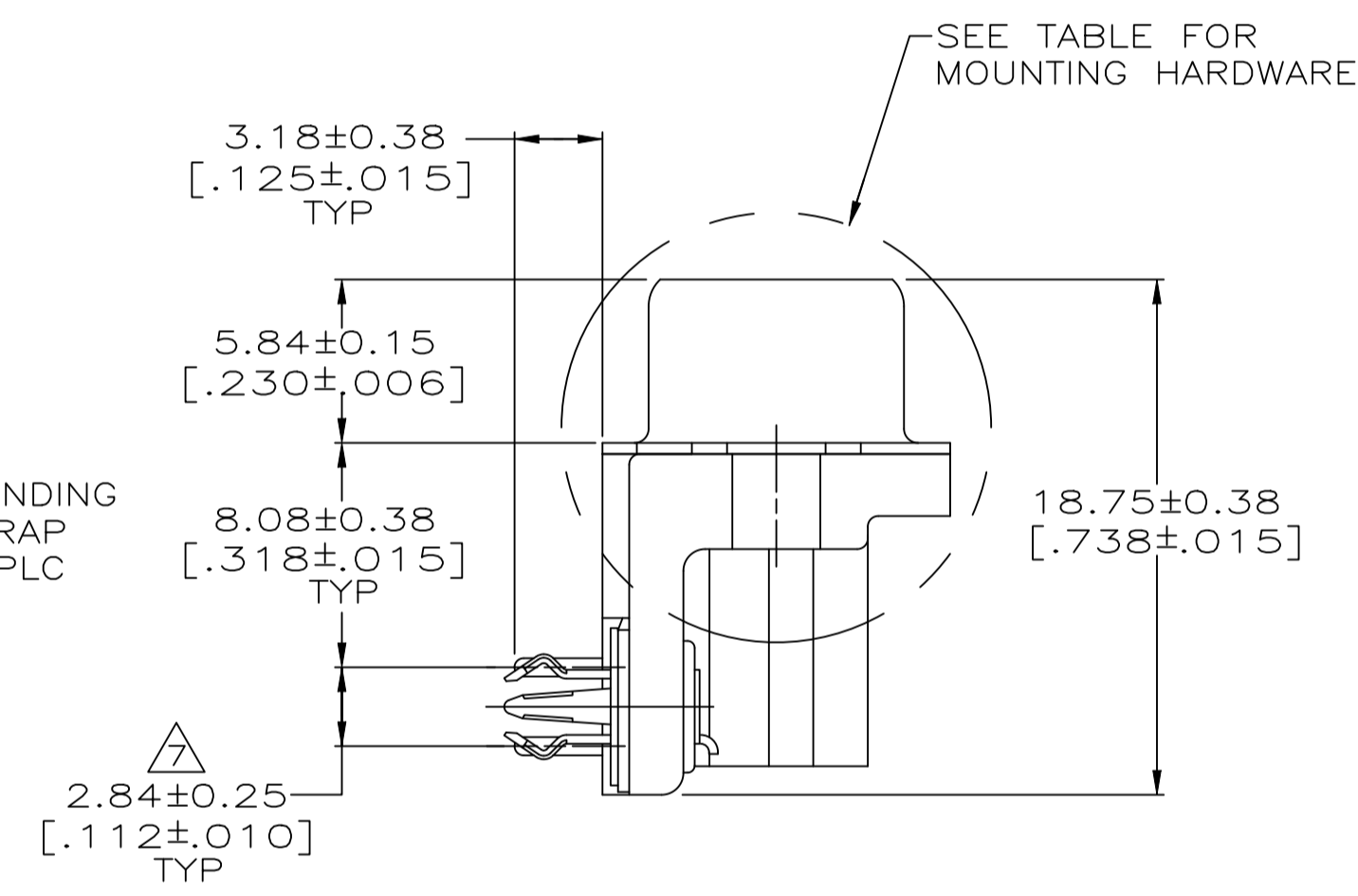
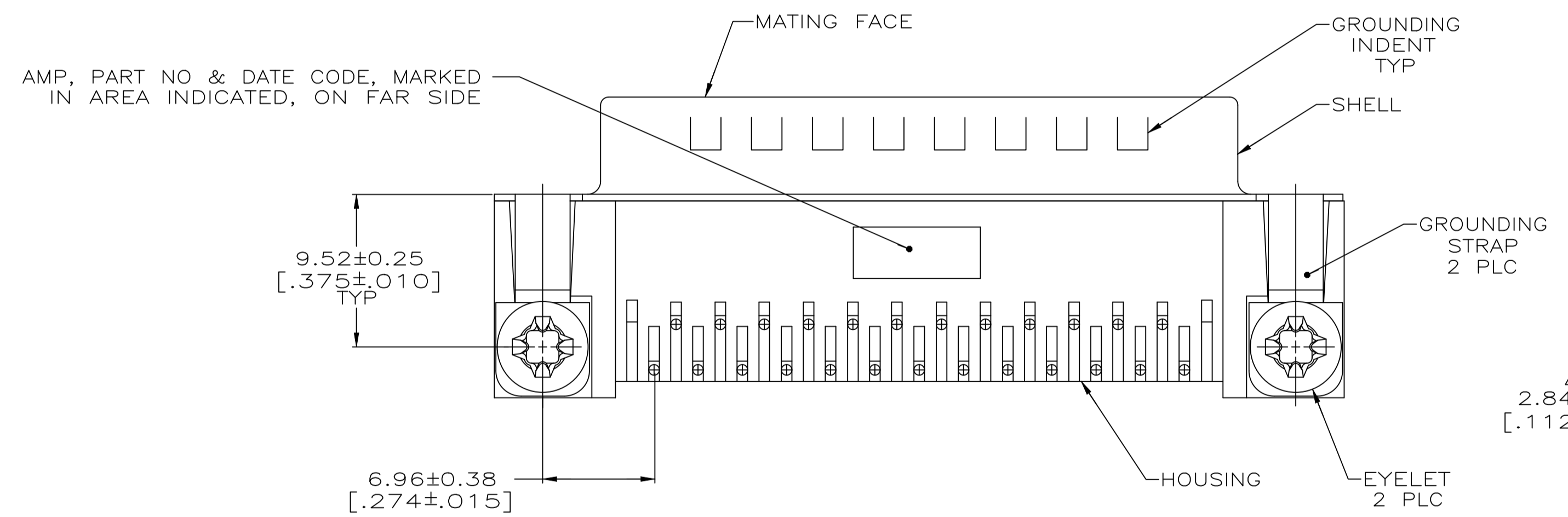
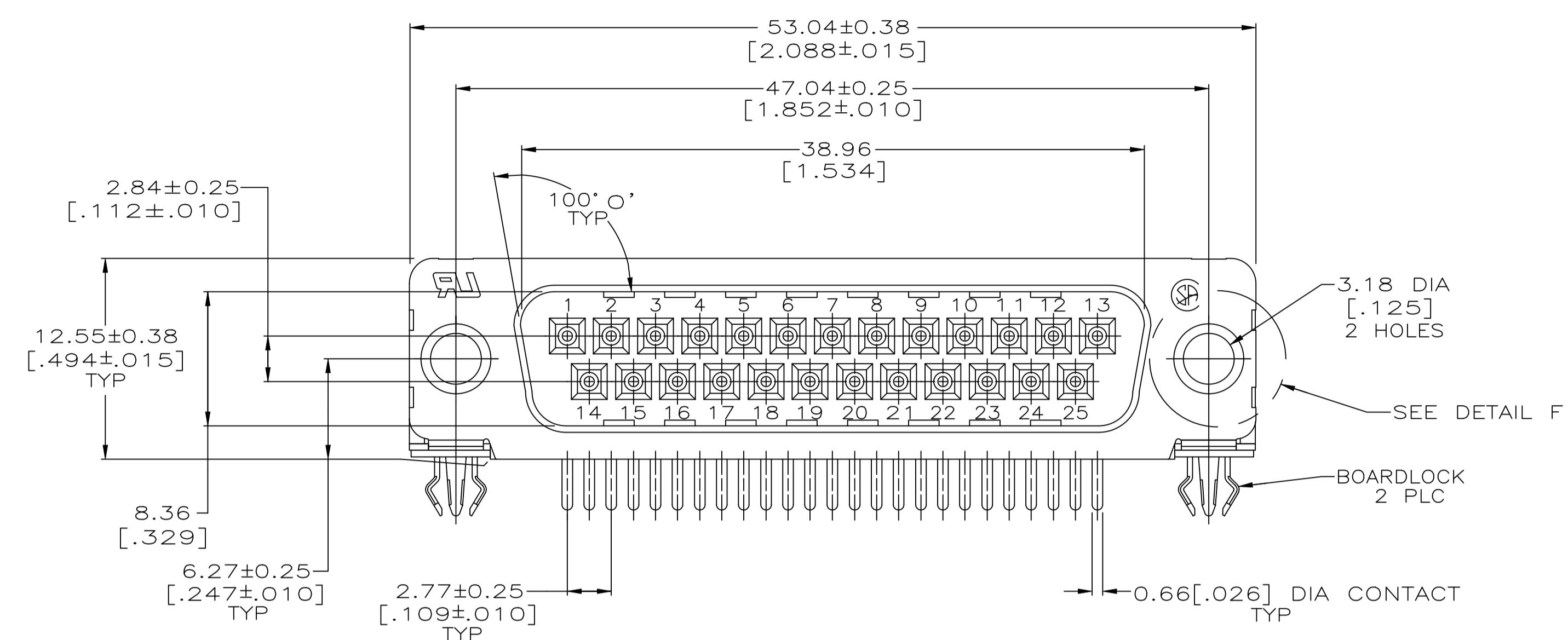


REVISIONS				
P	CHR	DESCRIPTION	DATE	OWN APVD
U1		REVISED AS PER ECR-25-235176	18SEP2025	PK SKN

- ① HOUSING: NYLON OR POLYESTER, FLAME RETARDANT 94V-0 RATED, GLASS FILLED, BLACK.  
SHELLS: CARBON STEEL.  
CONTACTS: BRASS.  
BOARDLOCKS: COPPER ALLOY.  
EYELETS: BRASS.
- ② SHELLS: 2.54μm[.000100] MIN TIN OVER 1.27μm[.000050] MIN COPPER.  
EYELETS: 5.08μm[.000200] MIN TIN OVER COPPER FLASH.  
CONTACTS: SEE TABLE.  
BOARDLOCKS: SEE TABLE.  
INSERTS: CLEAR CHROMATE.  
SCREWLOCKS: CLEAR CHROMATE.
- ③ 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.
- ④ 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.
- ⑤ 5.08μm[.000200] MIN TIN-LEAD OVER 1.27μm [.000050] MIN NICKEL.
- ⑥ 5.08μm[.000200] MIN TIN OVER 1.27μm [.000050] MIN NICKEL.
- ⑦ DIMENSION APPLIES FROM CENTER OF CONTACTS.
- ⑧ SUPERSEDED BY 747842-2.
- ⑨ OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI.



SEE DETAIL E	⑥	④	ACTIVE	6-747842-9
SEE DETAIL D	⑥	③	OBSOLETE	6-747842-8
SEE DETAIL E	⑤	④	ACTIVE	747842-6
SEE DETAIL D	⑤	③	OBSOLETE	747842-5
SEE DETAIL D	⑤	④	OBSOLETE	747842-4
SEE DETAIL D	⑤	③	OBSOLETE	747842-3
SEE DETAIL D	⑤	④	OBSOLETE	747842-2
SEE DETAIL D	⑤	③	OBSOLETE	747842-1
MOUNTING HARDWARE	BOARDLOCK FINISH	CONTACT FINISH	PART STATUS	PART NO

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009.

DIMENSIONS: mm (INCHES)	TOLERANCES UNLESS OTHERWISE SPECIFIED:	OWN: W.G. LENKER 10-5-89	DRK: R. STONE 2-5-90
0 PLC ± .005	1 PLC ± .005	APVD: R. STONE	NAME: R. STONE
1 PLC ± .005	2 PLC ± .005	PRODUCT SPEC: 108-40025	APPLICATION SPEC: 114-40010
3 PLC ± .005	4 PLC ± .005	SIZE: A1	CAGE CODE: 00779
ANGLES: ± 2°	FINISH: ① ②	WEIGHT: 0.000000	SCALE: 4:1

TE Connectivity  
PLUG ASSEMBLY, SIZE 3, 25 POSITION, RIGHT ANGLE, FRONT METAL SHELL, .318 SERIES, BOARDLOCKS, AMPLIMITE HD-20

CUSTOMER DRAWING SHEET 1 OF 1 REV U1