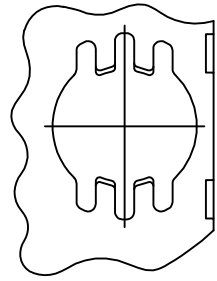


D

C

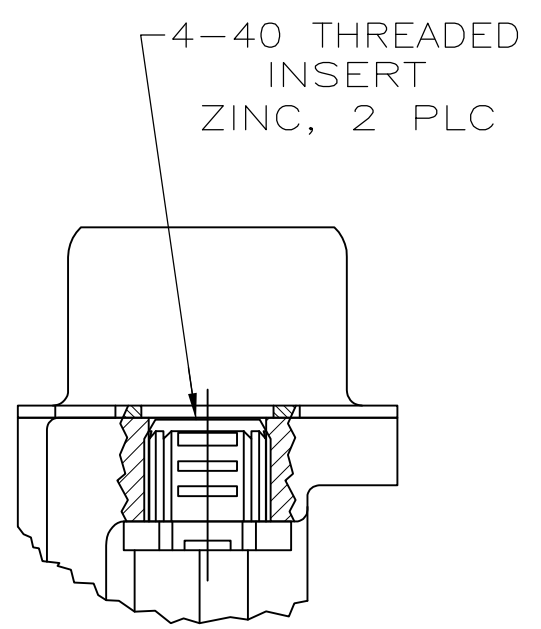
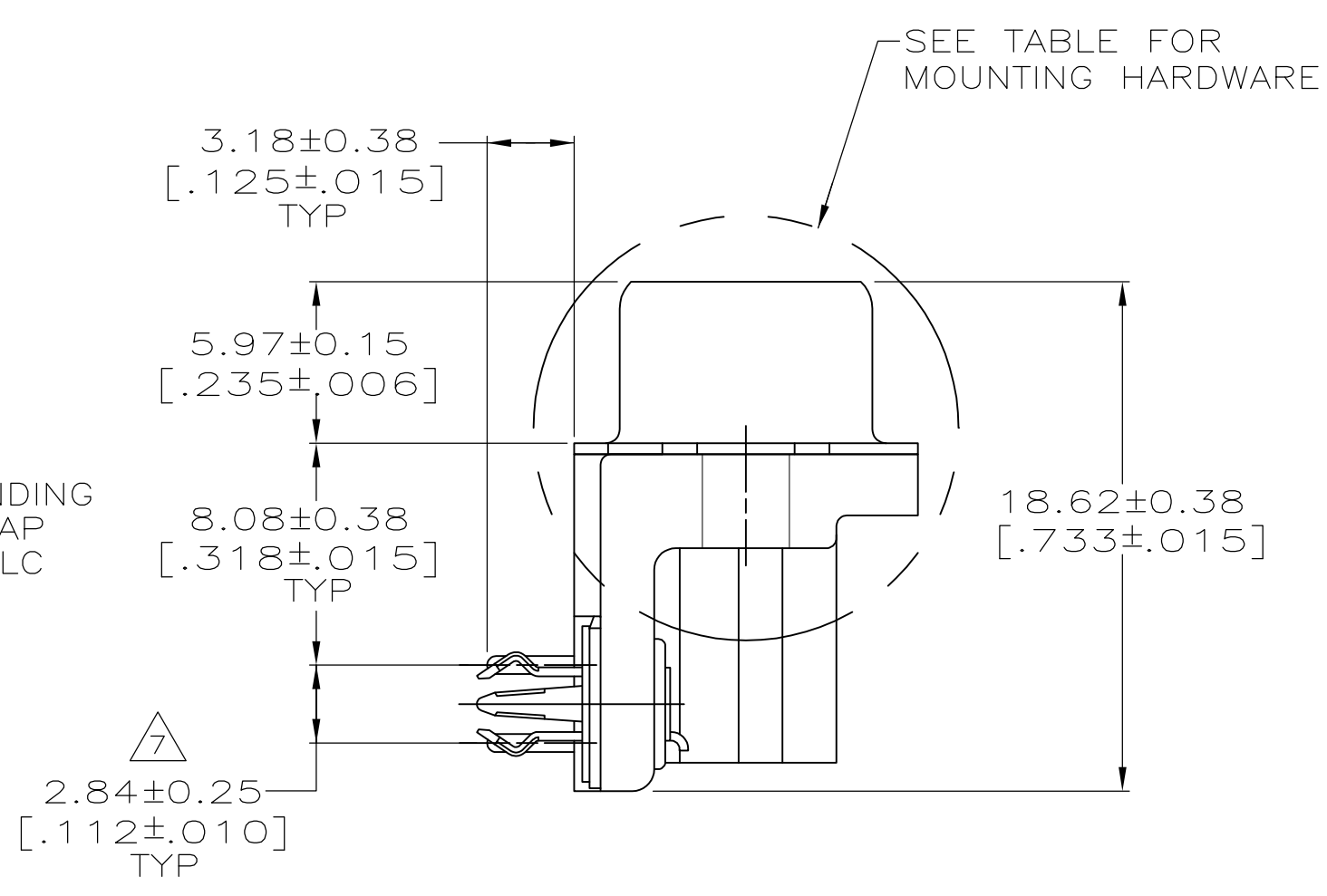
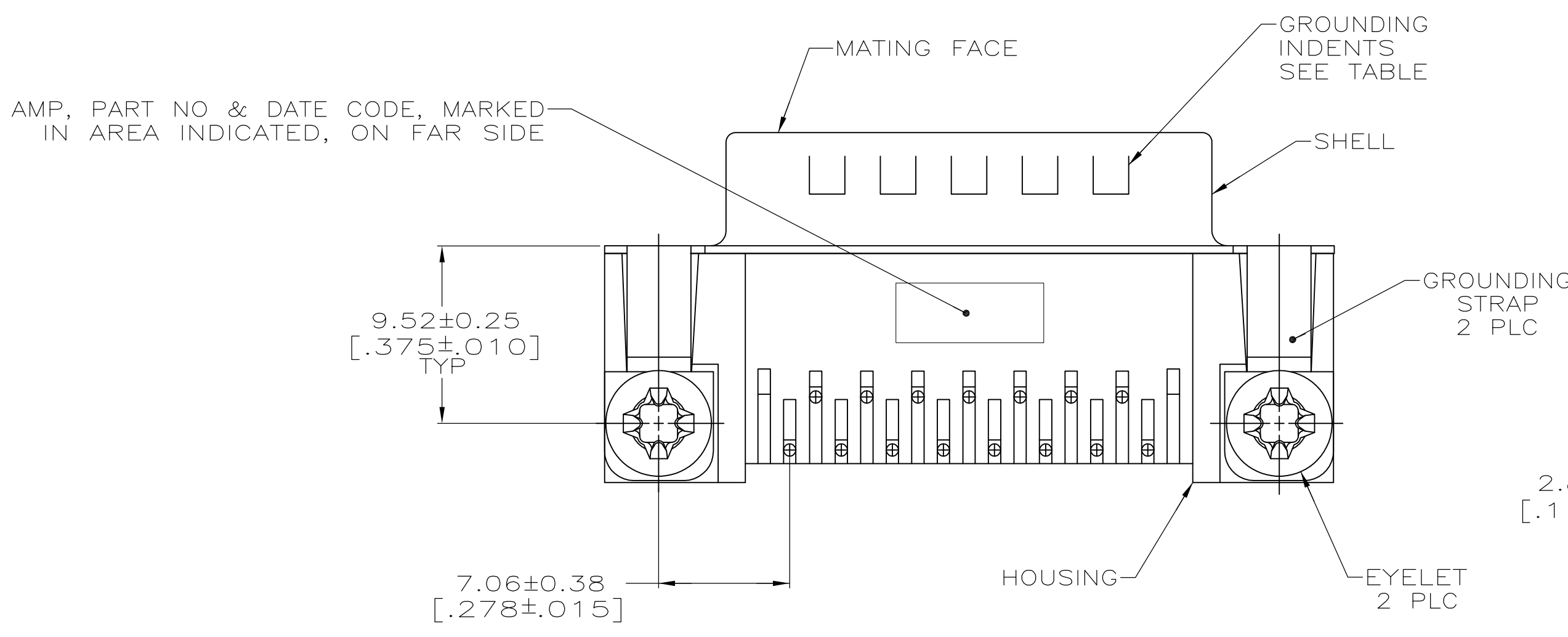
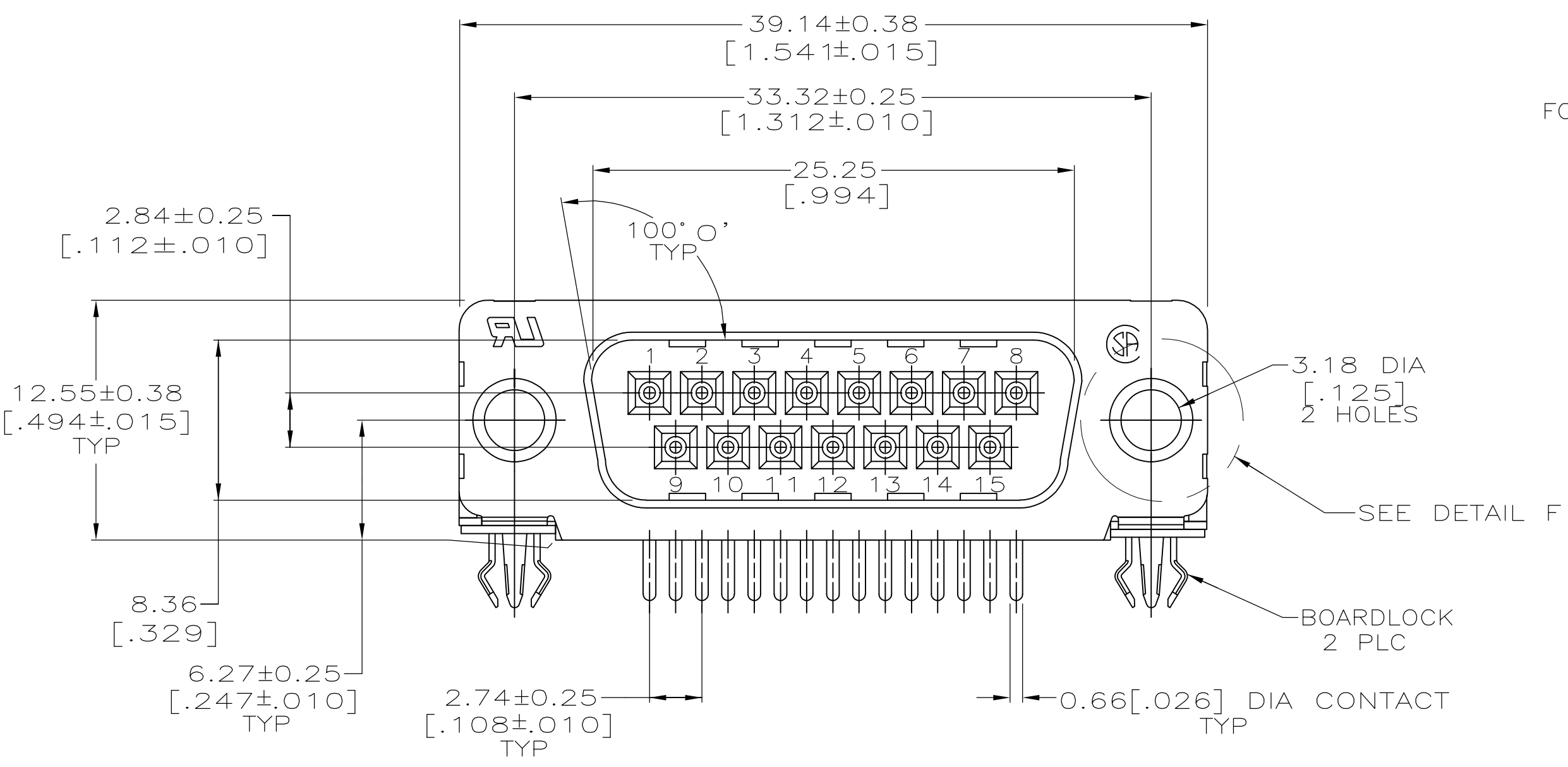
B

A

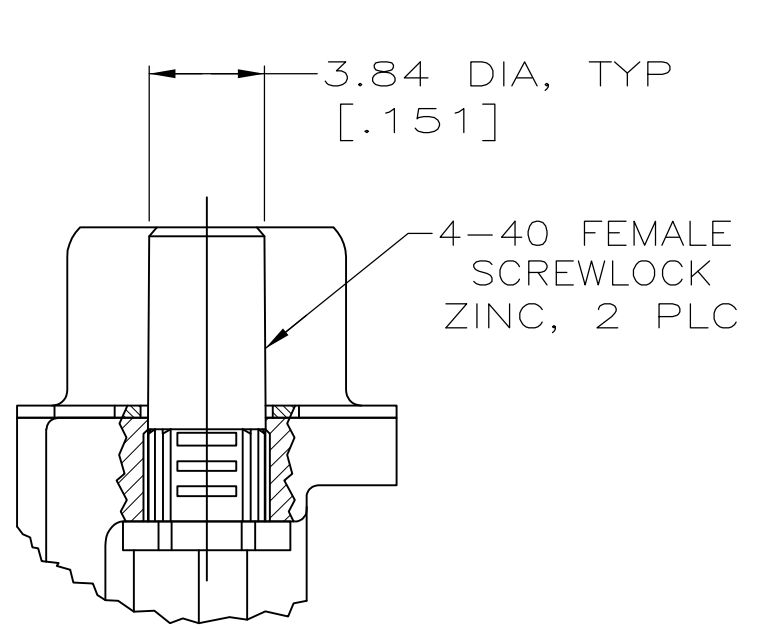


FOR -5 AND -6 ONLY

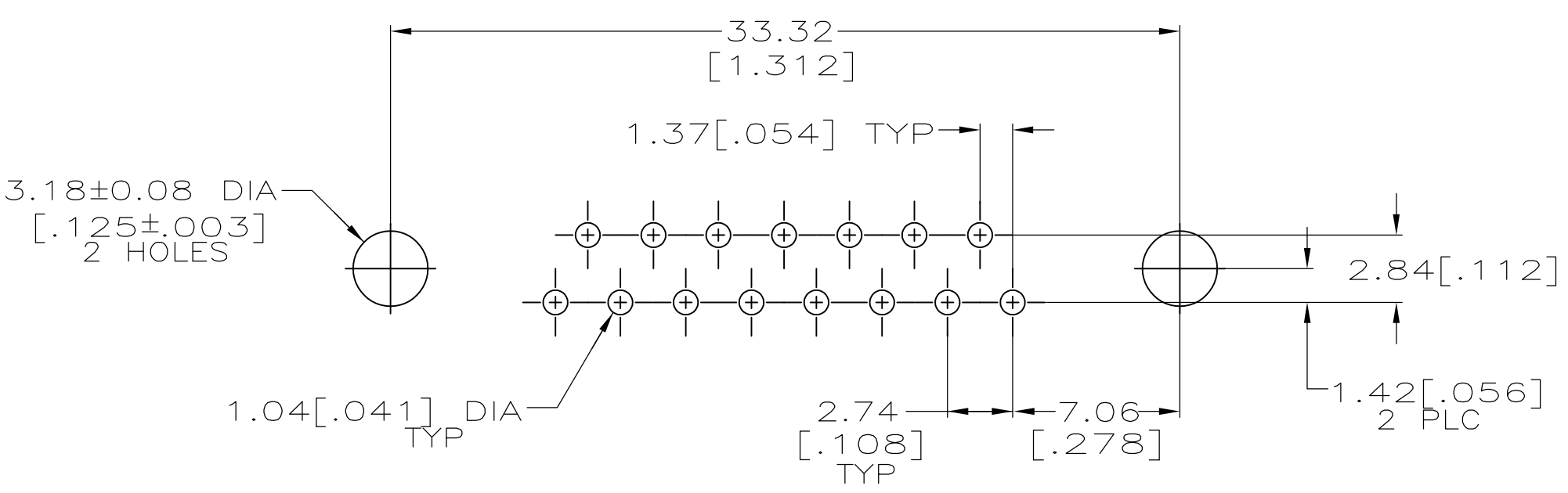
DETAIL F
2 PLC



DETAIL D



DETAIL E



P.C. BOARD MOUNTING DIMENSIONS
P.C. BOARD THICKNESS: 1.57[.062]

- △ HOUSING: NYLON OR POLYESTER, FLAME RETARDANT 94V-0 RATED, GLASS FILLED, BLACK
- SHELLS: CARBON STEEL
- CONTACTS: BRASS
- BOARDLOCKS: COPPER ALLOY
- EYELETS: BRASS
- △ SHELLS: 2.54μm [.000100] MIN TIN OVER 1.27μm [.000050] MIN COPPER.
- EYELETS: 5.08μm [.000200] MIN TIN OVER COPPER FLASH.
- CONTACTS AND BOARDLOCKS: SEE TABLE.
- INSERTS AND SCREWLOCKS: CLEAR CHROMATE.
- △ 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.
- △ 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.
- △ 5.08μm [.000200] MIN TIN-LEAD OVER 1.27μm [.000050] MIN NICKEL.
- △ 5.08μm [.000200] MIN TIN OVER 1.27μm [.000050] MIN NICKEL.
- △ DIMENSION APPLIES FROM CENTER OF CONTACTS.
- △ SUPERSEDED BY 747841-2.
- △ SUPERSEDED BY 747841-6.
- △ OBSOLETE.

YES	SEE DETAIL E	△6	△4	6-747841-8
YES	SEE DETAIL D	△6	△4	6-747841-7
NO	-	△5	△4	△10 747841-7
YES	SEE DETAIL E	△5	△4	747841-6
YES	SEE DETAIL E	△5	△3	△9 747841-5
YES	SEE DETAIL D	△5	△4	747841-4
YES	SEE DETAIL D	△5	△3	△10 747841-3
YES	-	△5	△4	△10 747841-2
YES	-	△5	△3	△8 747841-1
GROUNDING INDENTS	MOUNTING HARDWARE	BOARDLOCK FINISH	CONTACT FINISH	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009

DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -

1 PLC ± -

2 PLC ± -

3 PLC ± 0.13[.005]

4 PLC ± -

ANGLES ± - 2° 0'

MATERIAL

FINISH

DWN W.G. LENKER 05 OCT 89

CHK R. STONE 05 FEB 90

APVD M.D. GALLOWAY 06 FEB 90

NAME

PRODUCT SPEC 108-40025

APPLICATION SPEC 114-40010

WEIGHT -

CUSTOMER DRAWING

TE Connectivity

PLUG ASSEMBLY, SIZE 2, 15 POSITION, RIGHT ANGLE, FRONT METAL SHELL, .318 SERIES, BOARDLOCKS, AMPLIMITE® HD-20

SIZE A1

CAGE CODE 00779

DRAWING NO 747841

RESTRICTED TO

SCALE 4:1

SHEET 1 OF 1

REV V

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[6-747841-8](#)