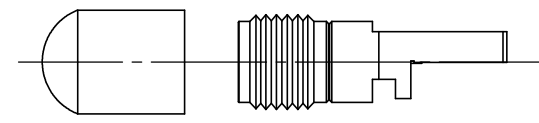
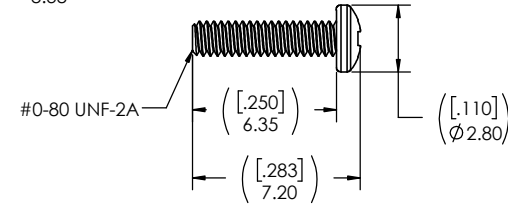
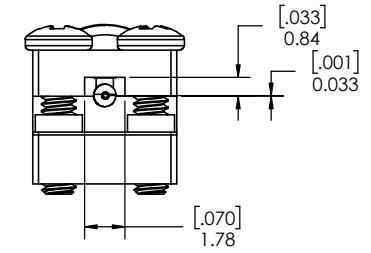
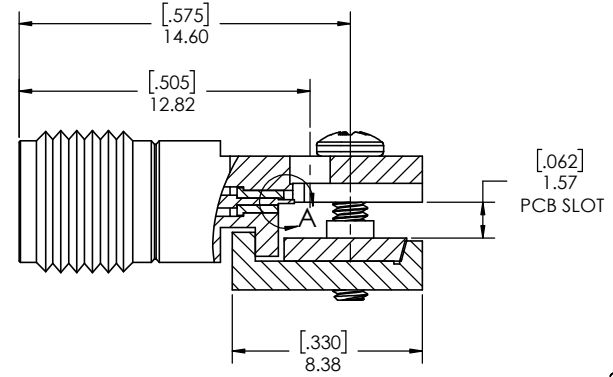
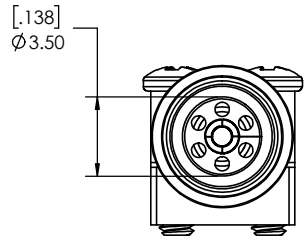
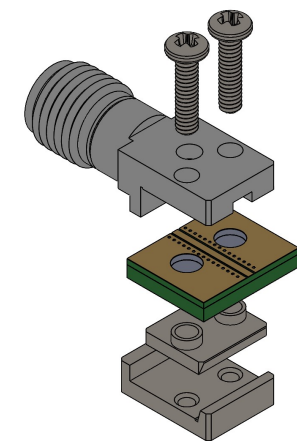
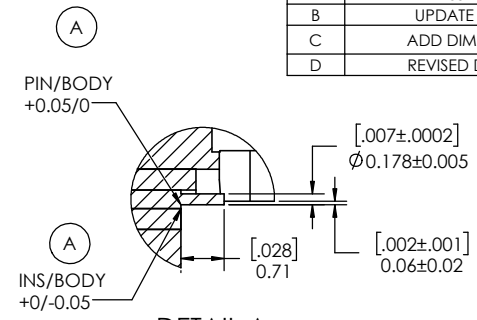
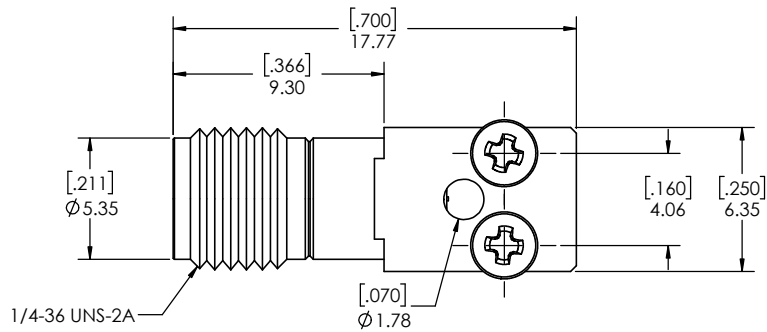


| REVISIONS | | | |
|-----------|-----------------------|-----------|-----|
| REV. | DESCRIPTION | DATE | DWN |
| - | INITIAL RELEASE | 8/31/2020 | FY |
| A | ADD MISSING DIMENSION | 12/4/2020 | FY |
| B | UPDATE FOOTPRINT | 1/14/2021 | FY |
| C | ADD DIMENSION 0.06 | 9/2/2021 | FY |
| D | REVISED DIMENSIONS | 9/8/2021 | JZ |



NOTE(S):
 1. These characteristics are typical and for reference.
 2. For questions please contact sales@amphenolcdi.com
 3. See sheet 2 for PCB interface definition.

| MATERIAL(S) : | ELECTRICAL(S) : | MECHANICAL(S) : | ENVIRONMENTAL(S) : |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Body/Screws: Stainless Steel Locking Block: Brass Center Conductor: Beryllium Copper Insulator: PCTFE, white PTFE, White RoHS Compliant | Protective Cap: Soft PVC Color: White Impedance: 50 Ohms Nominal Frequency Range: DC to 34 GHz VSWR: 1.30 max at 34 GHz Working Voltage: 500 V RMS max @ Sea Level Dielectric Withstand Voltage: 500 V RMS max. Insulation Resistance: 5000 megaohms min. Contact Resistance: Initial: Center Contact: 1.5 Milliohms max Outer Contact: 0.8 Milliohms max | Mating Characteristics: Interface per MIL-STD-348 Force to Engage & Disengage: Torque: 2 inch-pounds max Longitudinal Force: NA Connector Durability: 500 Cycles min. Permeability: Less than 2.0 mu. Center Contact Retention: Axial Force: 6 pounds min. Radial Force: NA | Temperature Range: -55°C to +120°C Moisture Resistance: MIL-STD-202, Method 103, Test Condition B Corrosion: MIL-STD-202, Method 101, Test Condition B Vibration: MIL-STD-202, Method 204, Test Condition A Shock: MIL-STD-202, Method 213, Test Condition 1 |

FINISH(ES) :

Body/Screw: Passivated
 Locking Block: Nickel plating
 Center Conductor: Becu ,Gold Plating

DIMENSIONS ARE IN MILLIMETERS [INCHES] ± TOLERANCES UNLESS OTHERWISE NOTED

| .X | .XX | .XXX | .XXXX | ANGLE |
|------------------|-------------------|--------------------|---------------------|-------|
| 0.3mm [.012"] | 0.15mm [.006"] | 0.050mm [.002"] | 0.010mm [.0004"] | 0.5 |

THIRD ANGLE PROJECTION

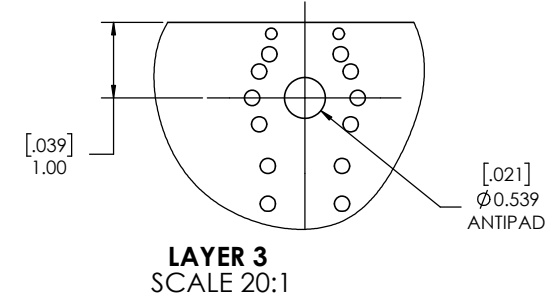
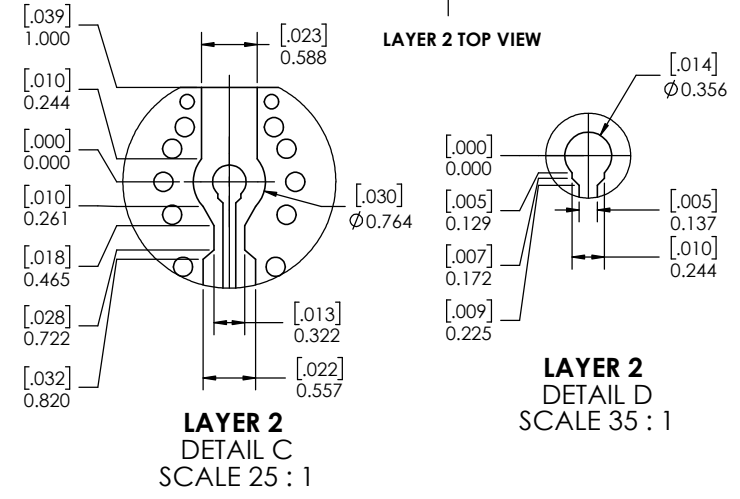
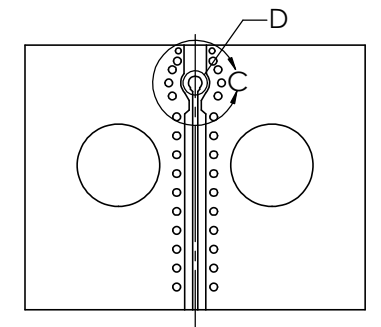
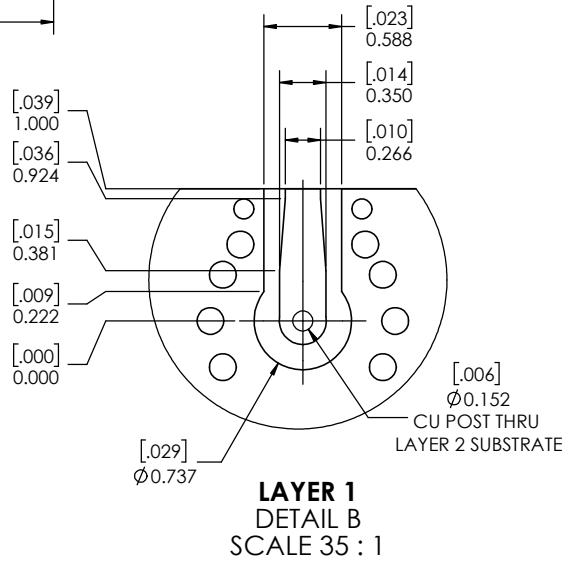
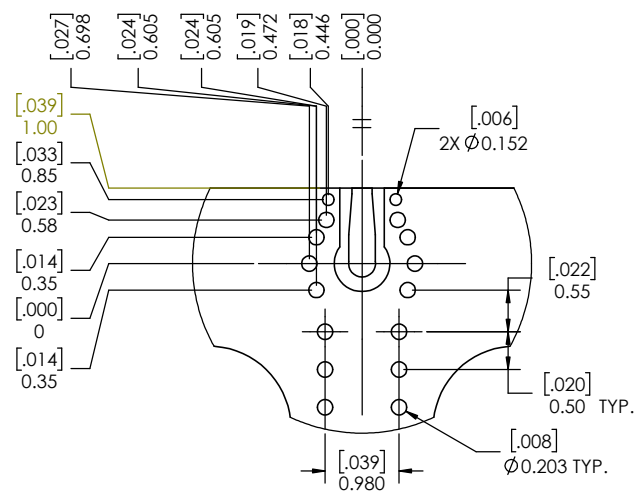
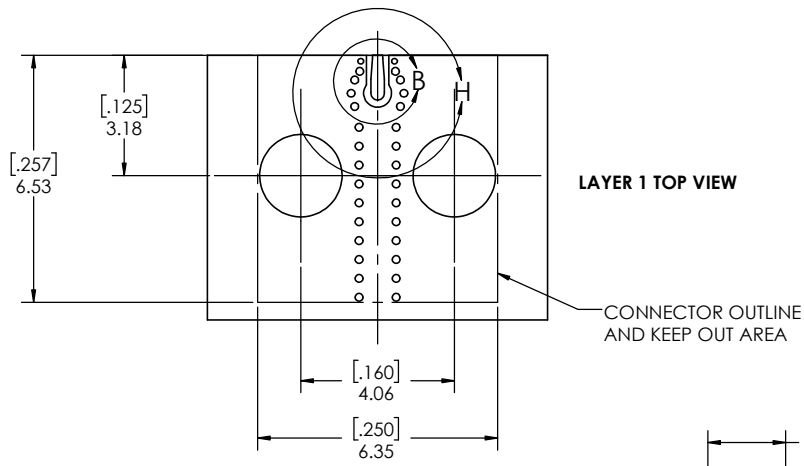
Amphenol CDI

TITLE: Edge Launch, Narrow Body, Solderless, 3.50mm, Connector

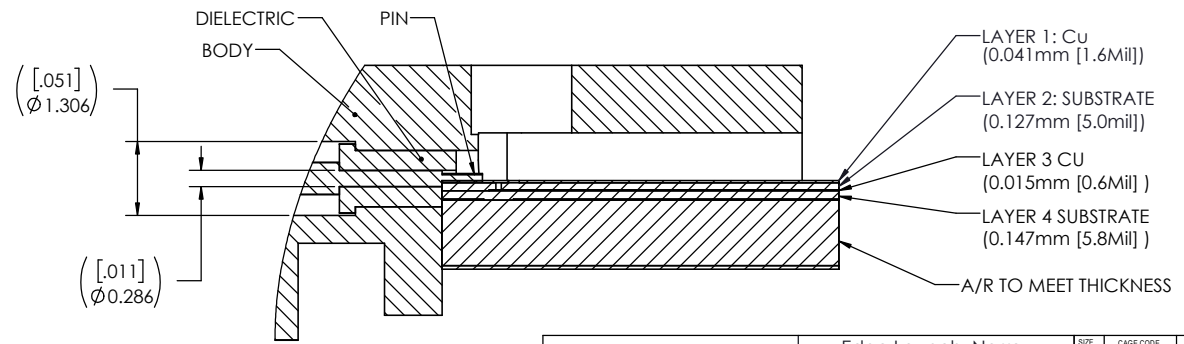
| | | | | |
|---------------------------------|--------------|----------------------|------------------------------|--------|
| DESIGNER: X XXXXXX XX/XX/XXX | SIZE: C | CAGE CODE: 7M294 | PART NUMBER: TMB-E5F2-1L1-01 | REV: D |
| DESIGNED BY: X XXXXXX XX/XX/XXX | SCALE: 12:1 | DO NOT SCALE DRAWING | | 1 OF 3 |
| PRODUCT: | APPLICATION: | | | |
| QUALITY: | USED ON: | | | |
| MFG: | | | | |

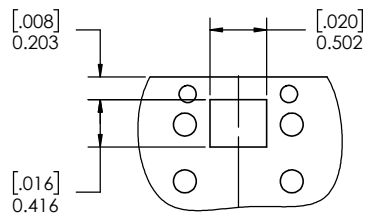
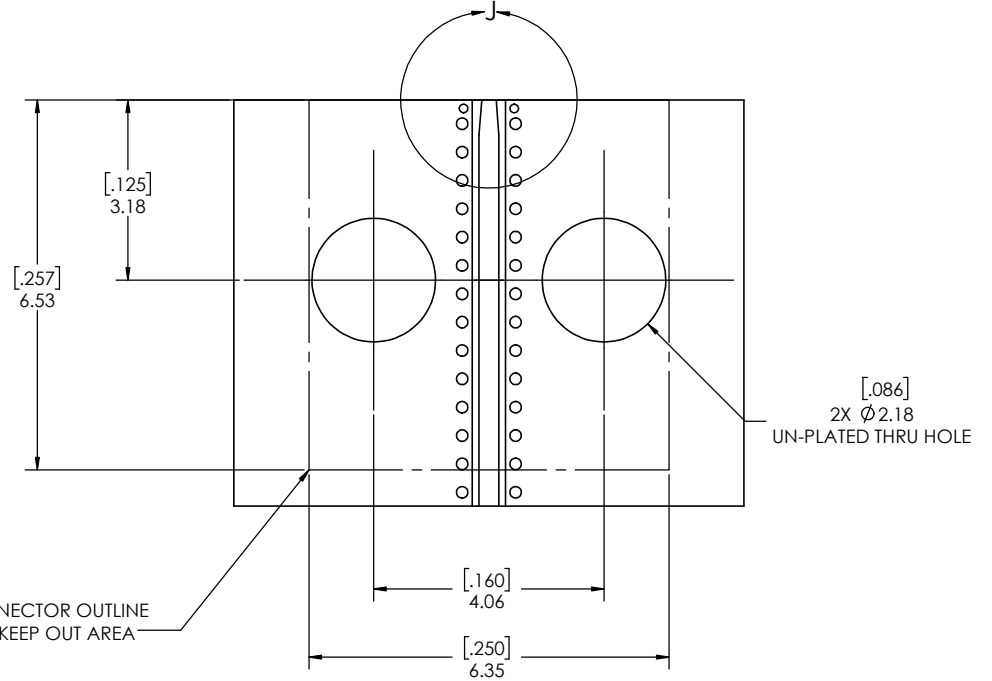
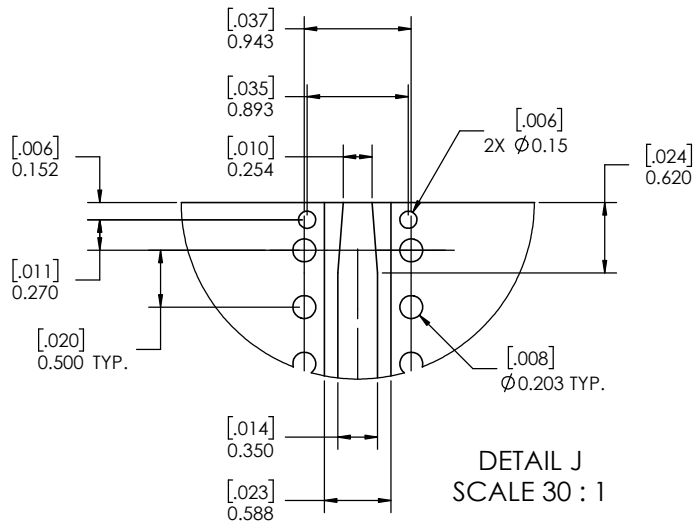
THE INFORMATION CONTAINED HEREIN IS PROPRIETARY TO AMPHENOL, AND SHALL IN NO WAY BE REPRODUCED OR DISCLOSED IN WHOLE OR IN PART OR USED FOR ANY DESIGN OR MANUFACTURE EXCEPT WHEN SUCH USER POSSESSES DIRECT, WRITTEN AUTHORIZATION FROM AMPHENOL.



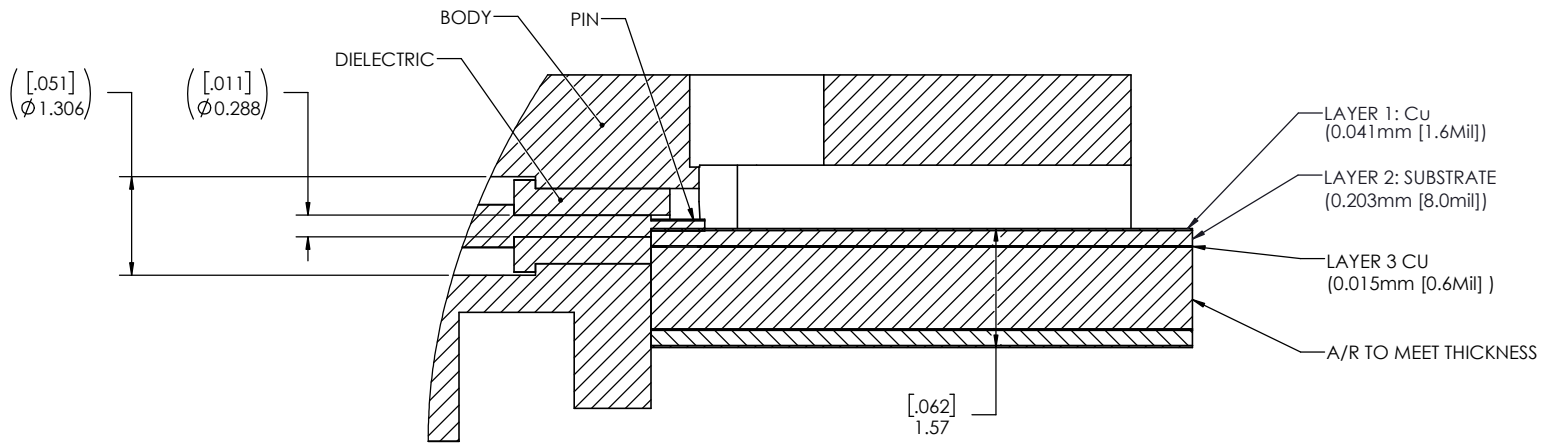


**FOOTPRINT OF STRIPLINE
(REF ONLY)**





LAYER 3 CUTOUT



FOOT PRINT OF CPW
(REF ONLY)



Edge Launch, Narrow
Body, Solderless, 3.50mm,
Connector

| | | | |
|------------------|---------------------------|---------------------------------------|-----------------|
| SIZE C | CAGE CODE 7M294 | PART NUMBER TMB-E5F2-1L1-01 | REV D |
| SCALE: 10:1 | | PART NUMBER: TMB-E5F2-1L1-01 3 OF 3 | |