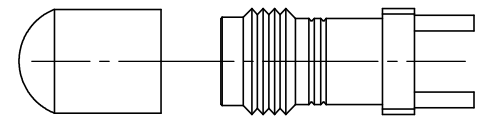
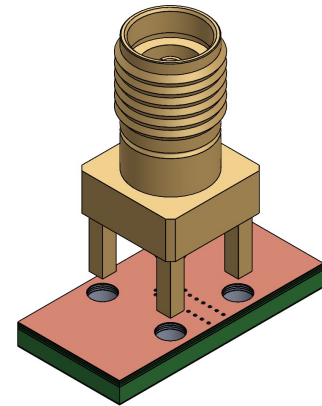
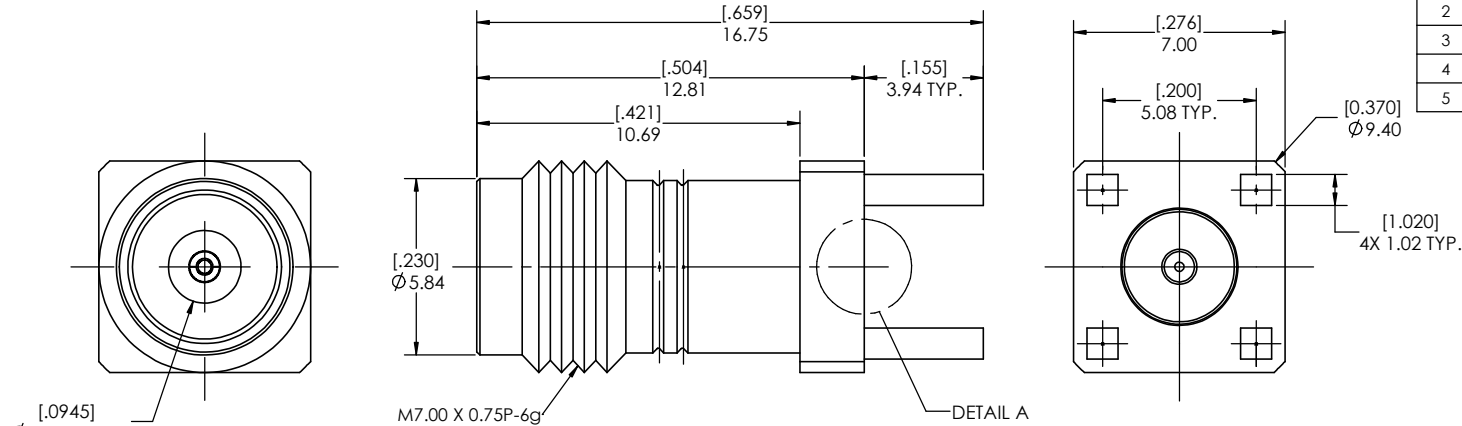


| REVISIONS | | | |
|-----------|-------------------------------|------------|----------|
| REV. | DESCRIPTION | DATE | APPROVED |
| - | INITIAL RELEASE | 07/03/2018 | MM |
| 1 | UPDATED PART NUMBER | 10/24/2018 | DL |
| 2 | ADDED SHEET 2 PCB DEFINITION | 2/20/2019 | PV |
| 3 | CORRECTED PCB POST HOLE DIA | 4/25/2019 | PV |
| 4 | UPD PCB (COMMON SL AND CPW) | 5/13/2019 | PV |
| 5 | CHANGED PN, WAS: TMB-V4FS-2SM | 1/9/2020 | PV |



PROTECTION CAP

NOTE(S):

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

DETAIL A
SCALE 20:1

| MATERIAL(S): | ELECTRICAL(S): | MECHANICAL(S): | ENVIRONMENTAL(S): |
|---|---|---|--|
| Body: Brass Center Conductor: Beryllium Copper Insulator: Insulator 1: PCTFE, white Insulator 2: PTFE, white RoHS Compliant Protective Cap: Soft PVC Color:Blue | Impedence: 50 Ohms Nominal Frequency Range: DC to 50 GHz VSWR: 1.3:1 max at 50 GHz Working Voltage: 400 Vrms max @ Sea Level Dielectric Withstand Voltage: 500 Vrms 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: -65°C to +165°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 |

| DIMENSIONS ARE IN MILLIMETERS [INCHES] ± TOLERANCES UNLESS OTHERWISE NOTED | | | | | THIRD ANGLE PROJECTION | | Amphenol CDI | | |
|---|-------------------|--------------------|---------------------|-------|---------------------------------|--|--|--|--|
| .X | .XX | .XXX | .XXXX | ANGLE | DESIGN ENGR. | | TITLE | | |
| 0.3mm [.012"] | 0.15mm [.006"] | 0.050mm [.002"] | 0.010mm [.0004"] | 0.5 | DESIGNED BY: X XXXXXX XX/XX/XXX | | 2.40mm STRAIGHT JACK, VERTICAL SOLDER (SIGNAL PAD) | | |
| NEXT ASSY. | | | | | DESIGNED BY: X XXXXXX XX/XX/XXX | | PART NUMBER | | |
| USED ON | | | | | DESIGNED BY: X XXXXXX XX/XX/XXX | | 7M294 TMB-V4FS-3SM 5 | | |
| APPLICATION | | | | | PRODUCT: | | SCALE: 12:1 DO NOT SCALE DRAWING 1 OF 2 | | |
| | | | | | QUALITY: | | | | |
| | | | | | MFG: | | | | |

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