

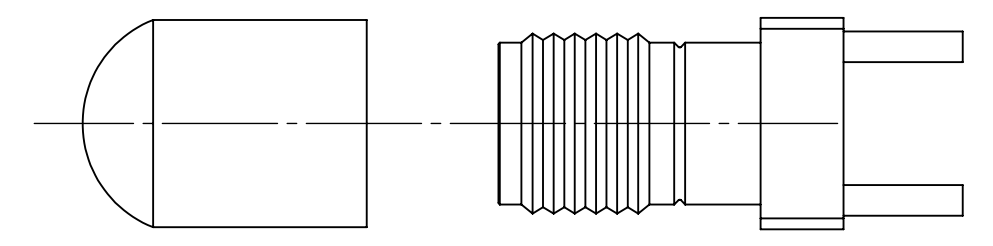
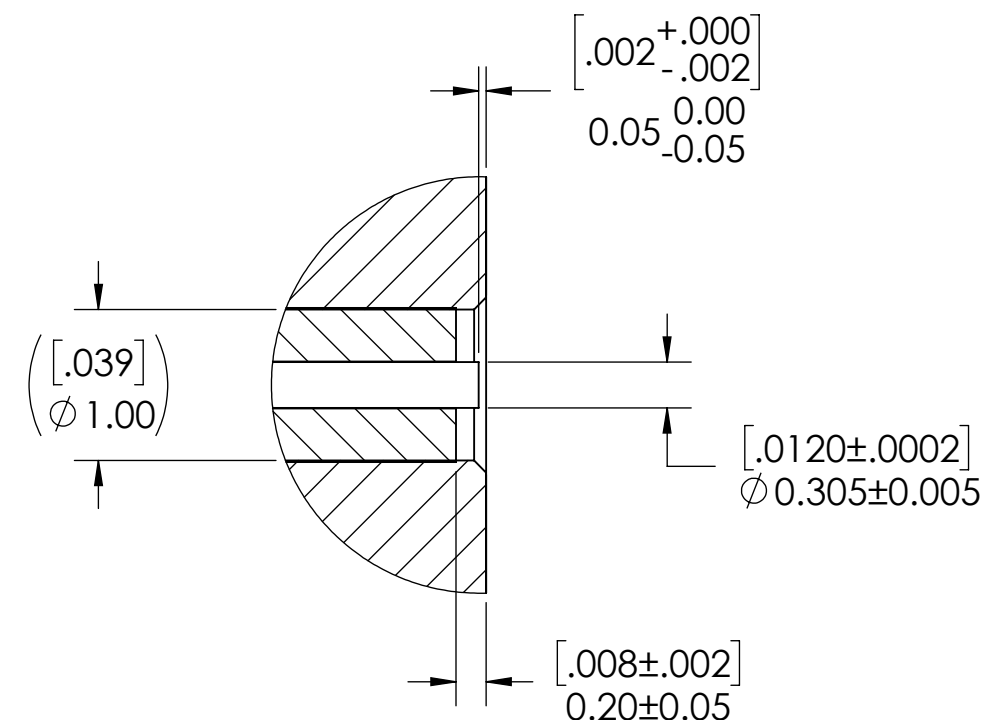
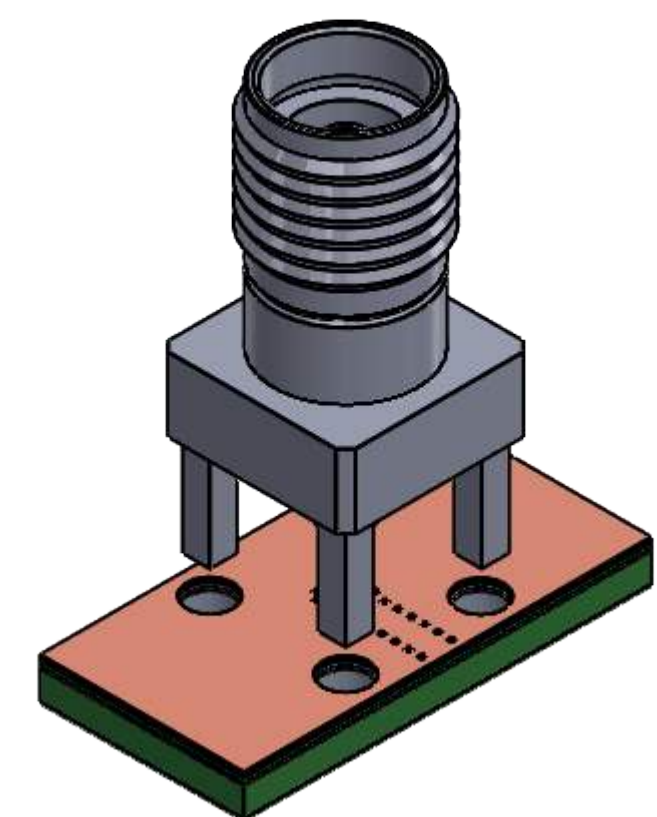
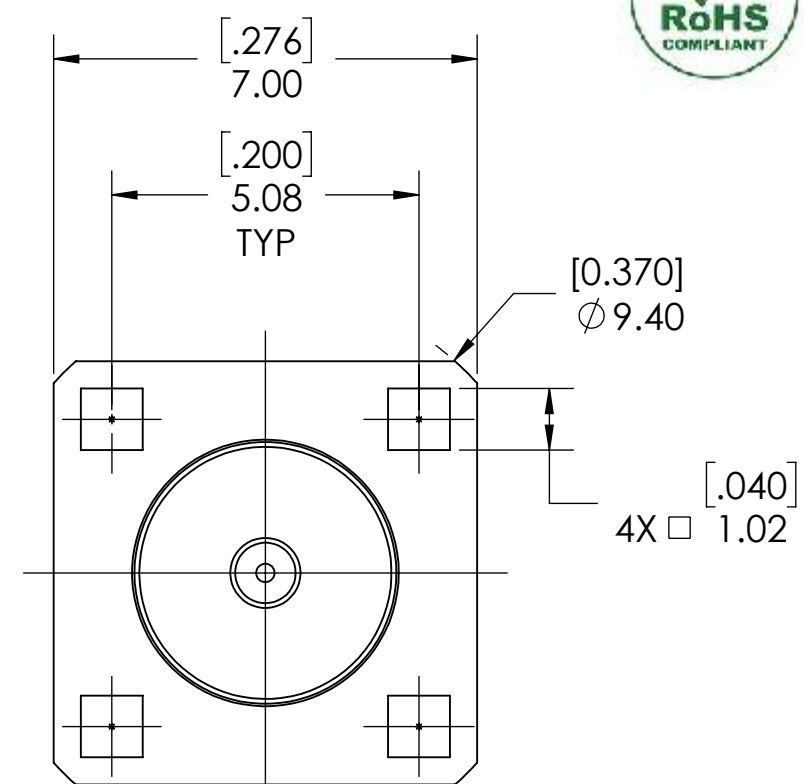
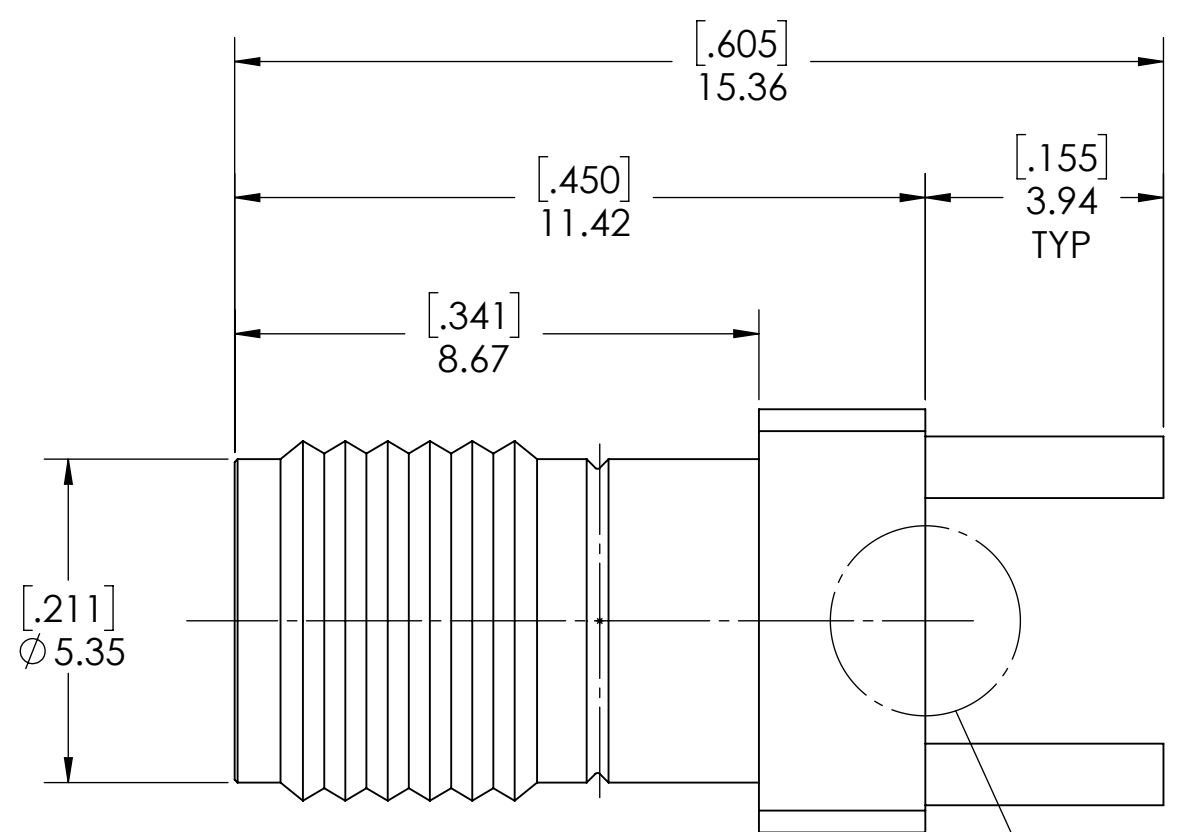
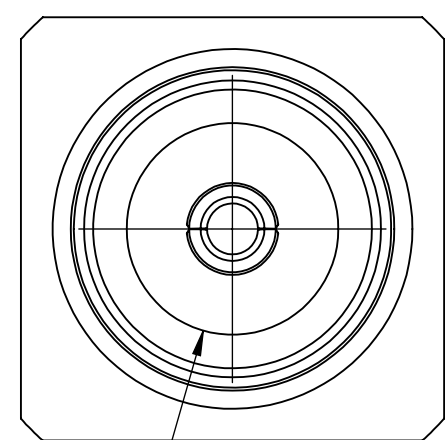
4

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1

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	2/19/2019	PV
3	CORRECTED PCB POST HOLE DIA	4/29/2019	PV
4	UPD PCB (COMMON SL AND CPW)	5/13/2019	PV
5	CHANGED PN, WAS: TMB-V5FS-2SM	1/9/2020	PV



PROTECTION CAP

NOTE(S):
 1. These characteristics are typical and for reference.
 2. DYH: 58-20004-12040
 3. See sheet 2 for PCB interface definition.

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: White	Impedance: 50 Ohms Nominal Frequency Range: DC to 34 GHz VSWR: 1.3:1 max at 34 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

FINISH(ES):
Body: Gold Plating Center Conductor: Gold Plating

APPLICABLE CARLISLE IT DOCUMENTS		
WORK STANDARD	PROD INSTRUC	ASSY INSTRUC
NA	NA	NA

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TOLERANCES AND NOTES
EXCEPT AS NOTED
THIRD ANGLE PROJECTION
SCALE 8:1
DIMENSIONS ARE IN [INCHES] MM
ANGLES ±2°
.XX DECIMALS ±.063
.XXX DECIMALS ±.01

APPROVAL	INITIALS	DATE
DRAWN BY	MM	07.03.18
CHECKED BY	KM	07.03.18
DESIGN ENG		
APPR BY		

Dongguan City, Guangdong P.R. China 523533

TITLE: 3.50mm STRAIGHT JACK, VERTICAL SOLDER (SIGNAL PAD)

SCALE: 8:1 SUB-DIRECTORY/ _OUTLINE/ SHEET 1 OF 2

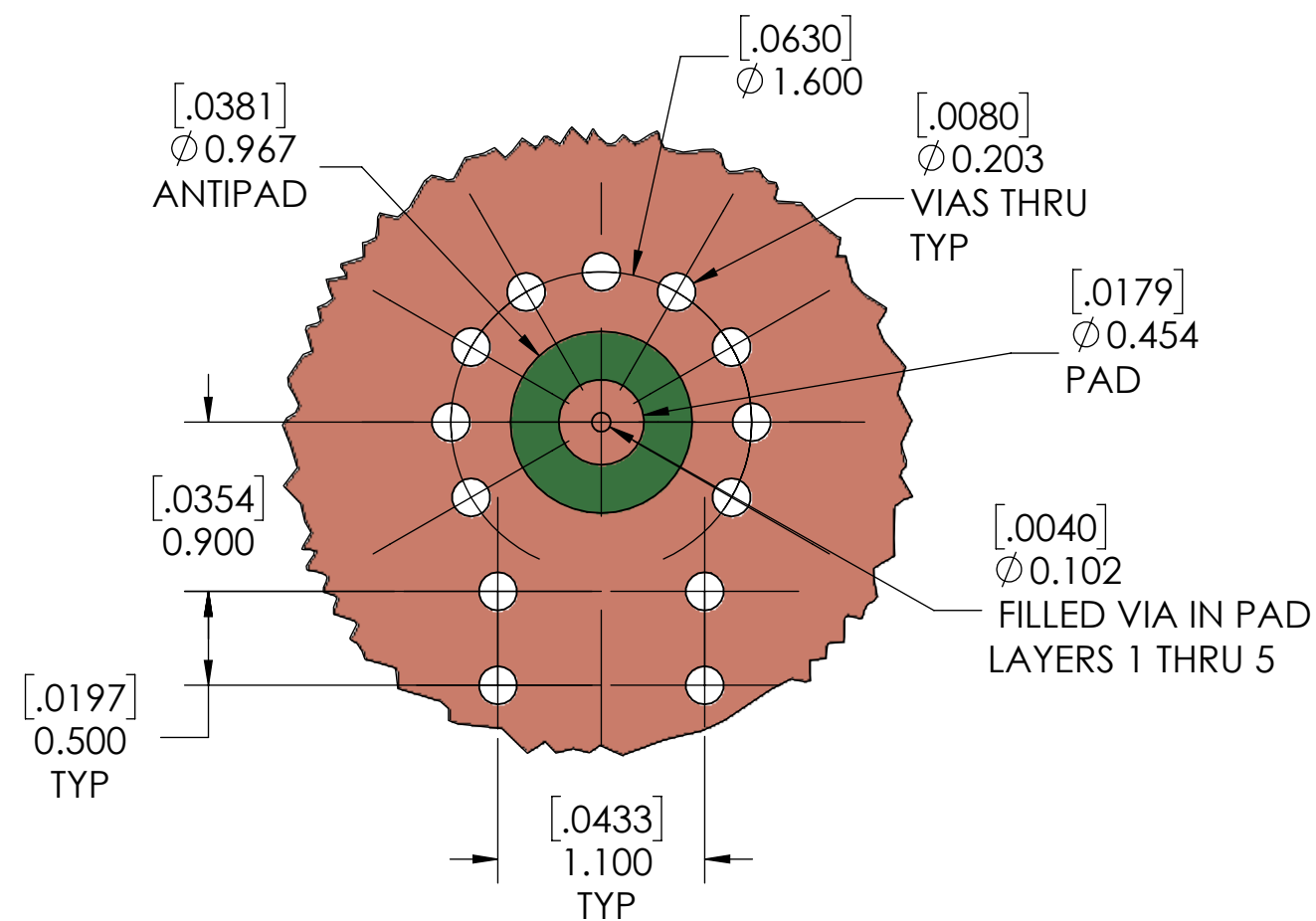
SIZE: DRAWING NO. TMB-V5FS-3SM REV. 5

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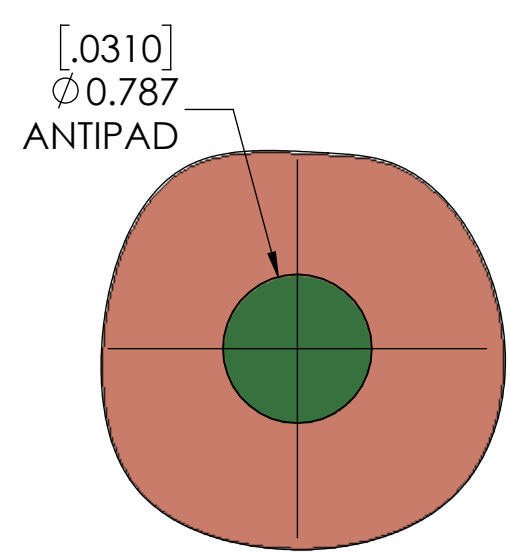
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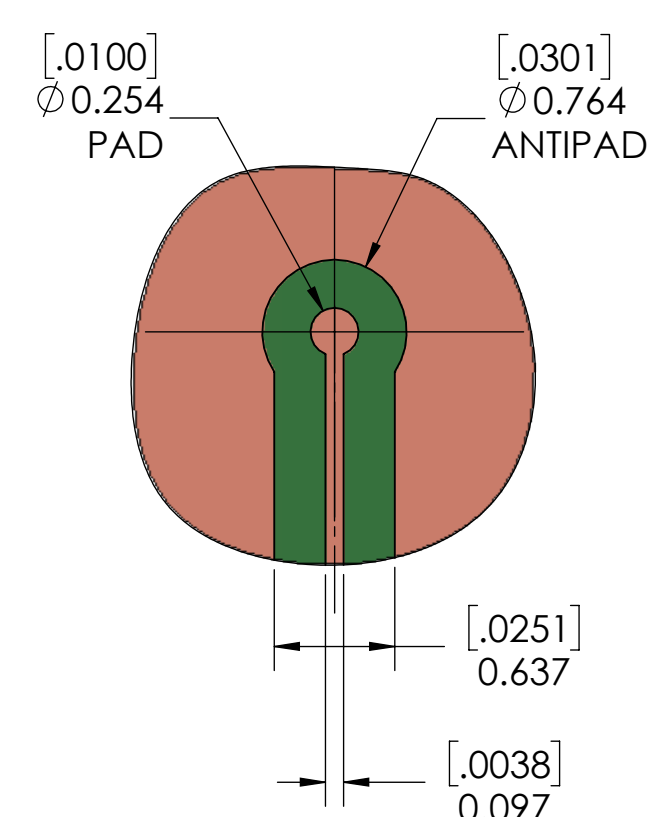
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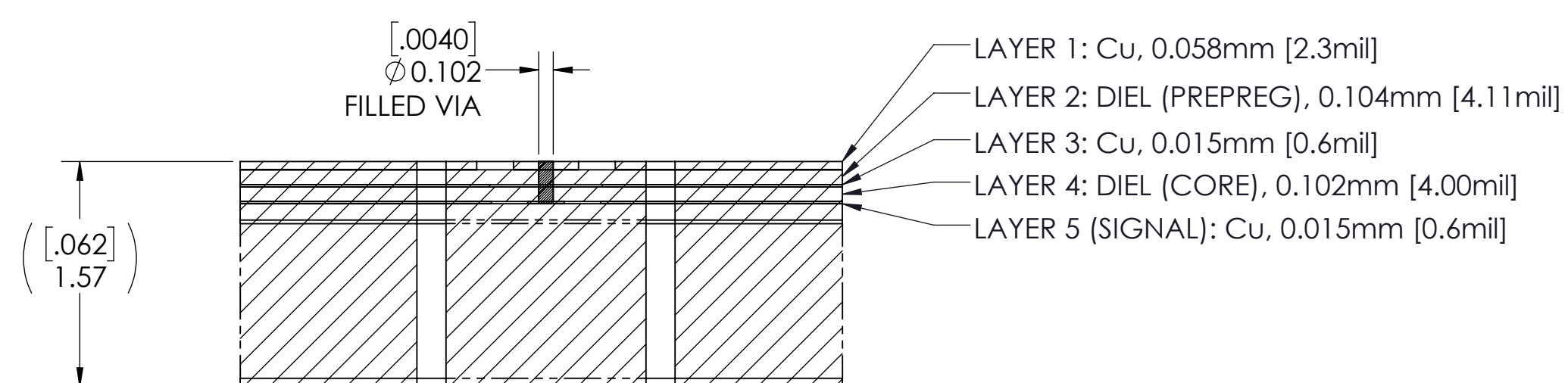
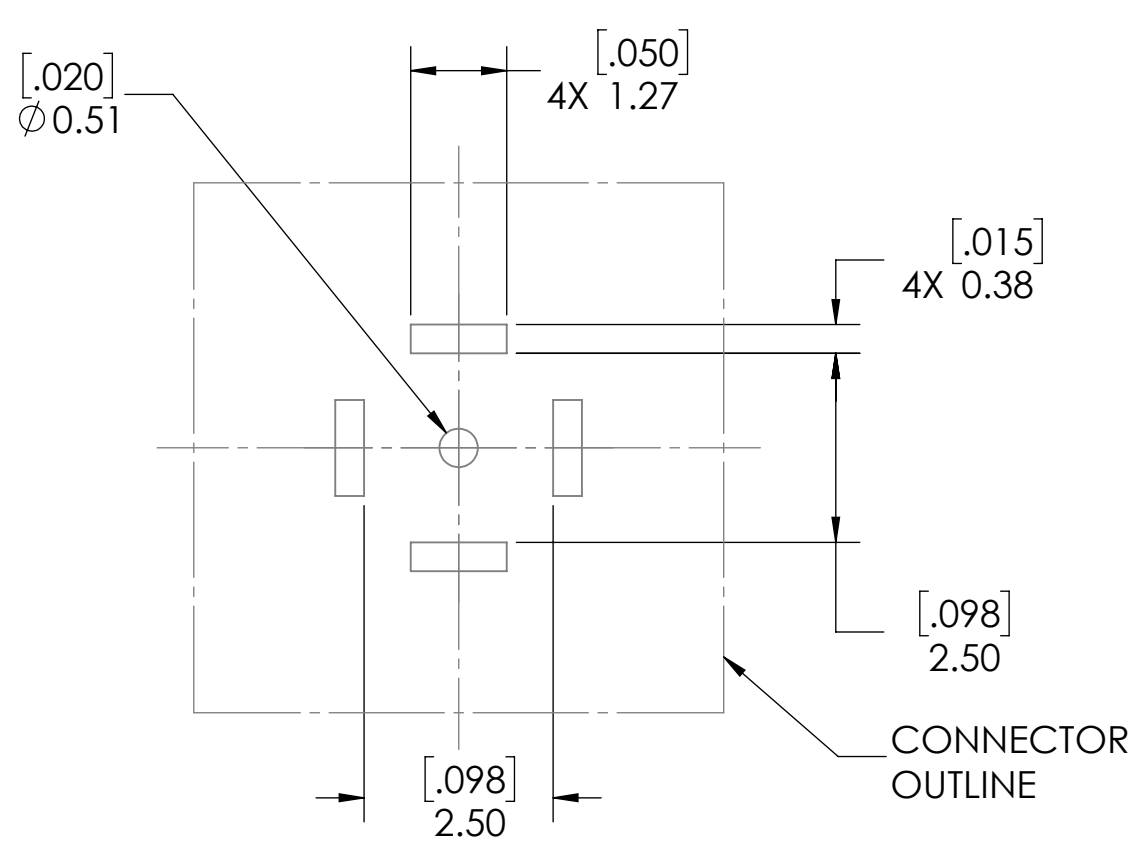
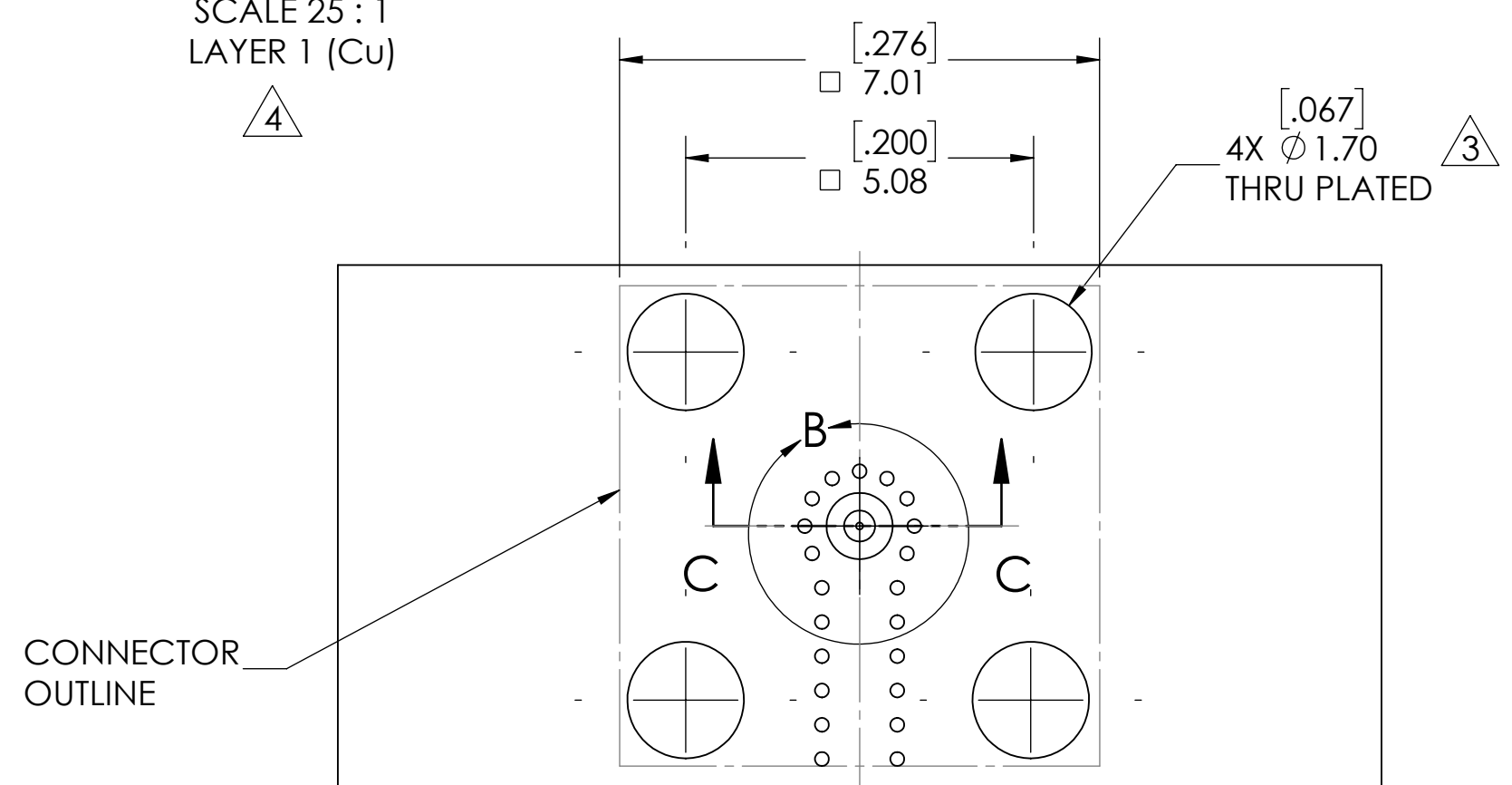
DETAIL B
SCALE 25 : 1
LAYER 1 (Cu)



DETAIL B
SCALE 25:1
LAYER 3 (Cu)
VIAS NOT SHOWN FOR CLARITY



DETAIL B
SCALE 25:1
LAYER 5 (Cu)
VIAS NOT SHOWN FOR CLARITY



SOLDER PASTE STENCIL
SCALE 10:1

PCB LAYOUT
(FOR REFERENCE ONLY)

SECTION C-C
SCALE 25 : 1
PCB LAYER DEFINITION

SCALE	SUB-DIRECTORY/	SHEET 2 OF 2
10:1		
SIZE	CAGE CODE	DRAWING NO.
C		TMB-V5FS-3SM
		REV. 5