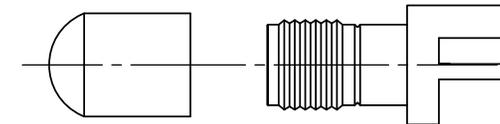
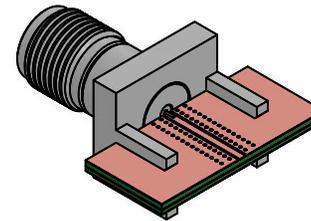
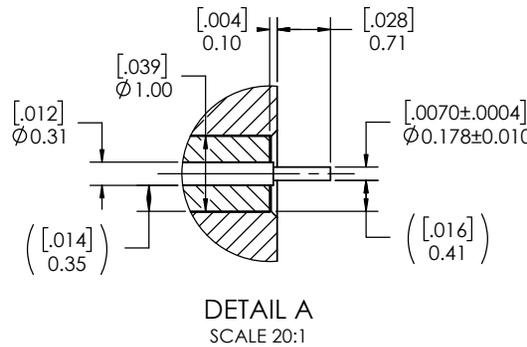
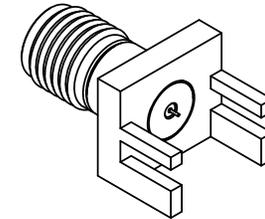
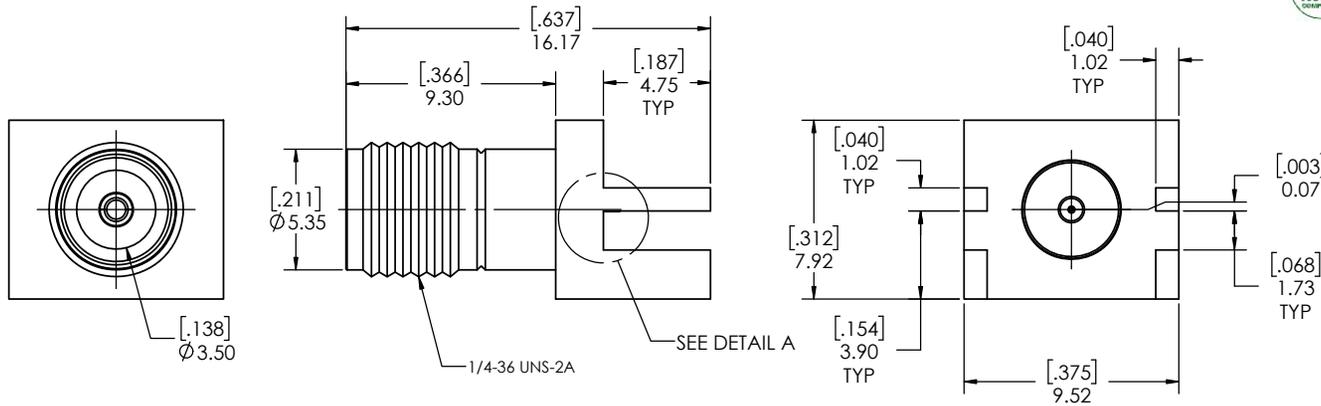




REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	07/24/2018	MM
1	UPDATED PART NUMBER	10/24/2018	DL
2	ADDED SHEET 2 PCB DEFINITION	2/15/2019	PV
3	ADDED SECTION VIEW	3/12/2019	PV



PROTECTION CAP

- NOTE(S):
- These characteristics are typical and for reference.
  - DYH: 58-20005-12070
  - 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 Megohms 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

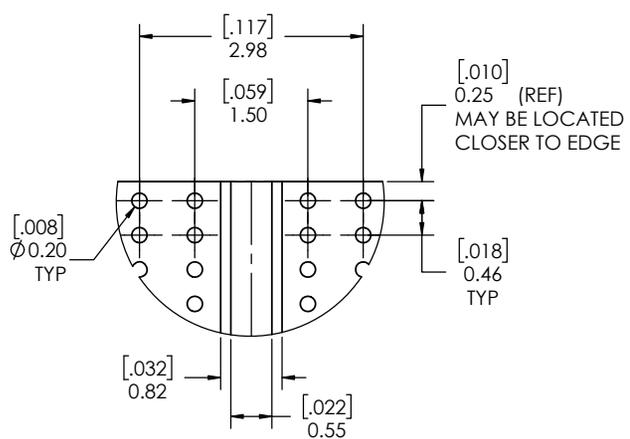
FINISH(ES) :	APPLICABLE CARLISLE IT DOCUMENTS			TOLERANCES AND NOTES	APPROVAL	INITIALS	DATE	 Dongguan City, Guangdong P.R. China 523533
	WORK STANDARD	PROD INSTRUC	ASSY INSTRUC					
Body: Gold Plating Center Conductor: Gold Plating	NA	NA	NA	EXCEPT AS NOTED	DRAWN BY	MM	07.24.18	TITLE 3.50mm STRAIGHT JACK, EDGE MOUNT (MANUAL SOLDER) SCALE 8:1 SUB-DIRECTORY/ OUTLINE/ SHEET 1 OF 2 DRAWING NO. <b>TMB-E5FS-1S1</b>
				THIRD ANGLE PROJECTION	CHECKED BY	KM	07.24.18	
				SCALE 8:1	DESIGN ENG			
				DIMENSIONS ARE IN [INCHES] MM	APPR BY			
				ANGLES ±2°				REV. 2
				.XX DECIMALS ±.063 .XXX DECIMALS ±.01				REV. 3

4

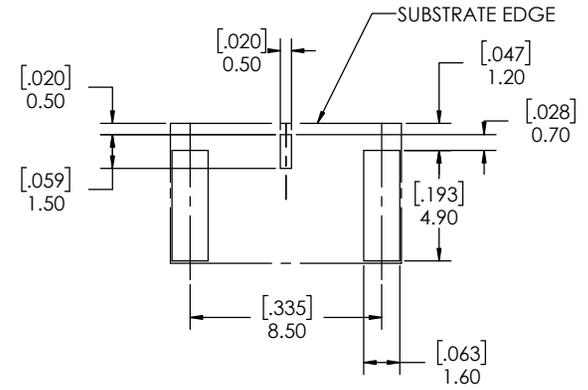
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2

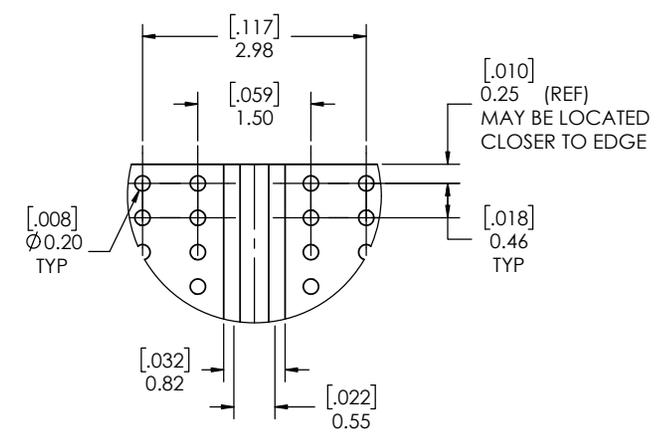
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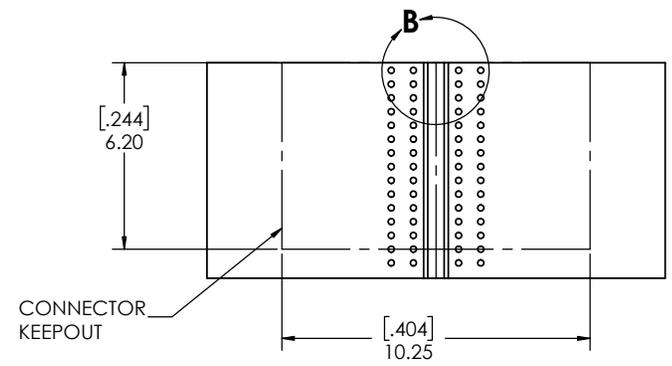
DETAIL B  
SCALE 20 : 1



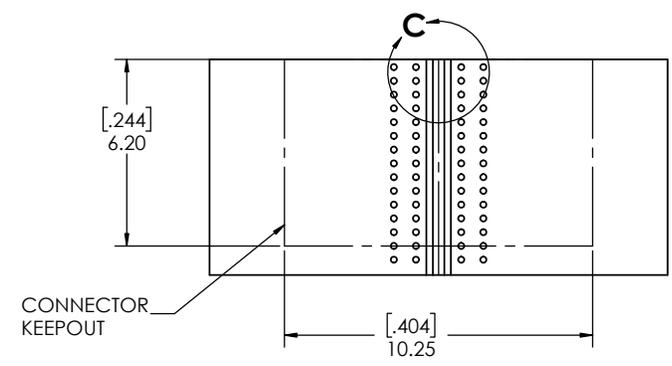
SOLDER PASTE STENCIL  
SCALE 6:1



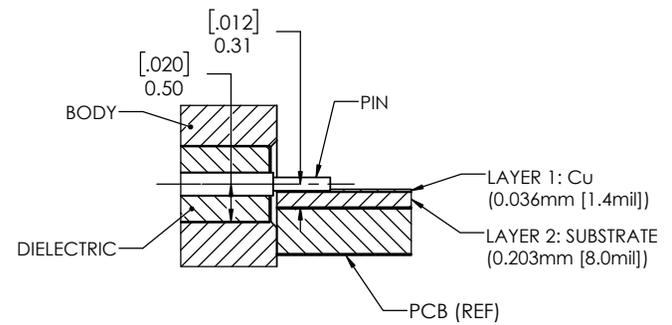
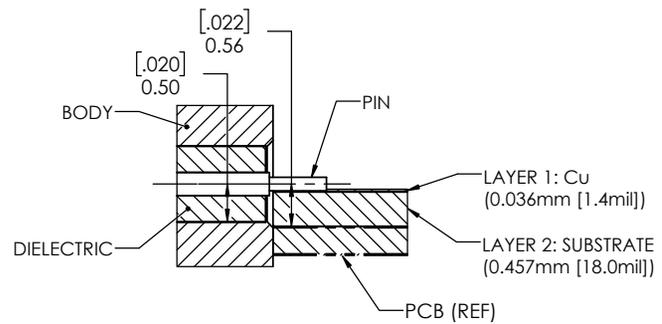
DETAIL C  
SCALE 20 : 1



PCB LAYOUT OPTION 1  
0.457mm [18.0mil] THICK SUBSTRATE (LAYER 2)



PCB LAYOUT OPTION 2  
0.203mm [8.0mil] THICK SUBSTRATE (LAYER 2)



PCB LAYOUT  
(FOR REFERENCE ONLY)

SCALE	SUB-DIRECTORY/	SHEET 2 OF 2
8:1		
SIZE	CAGE CODE	DRAWING NO.
C		TMB-E5FS-1S1
		REV. 3

4

3

2

1