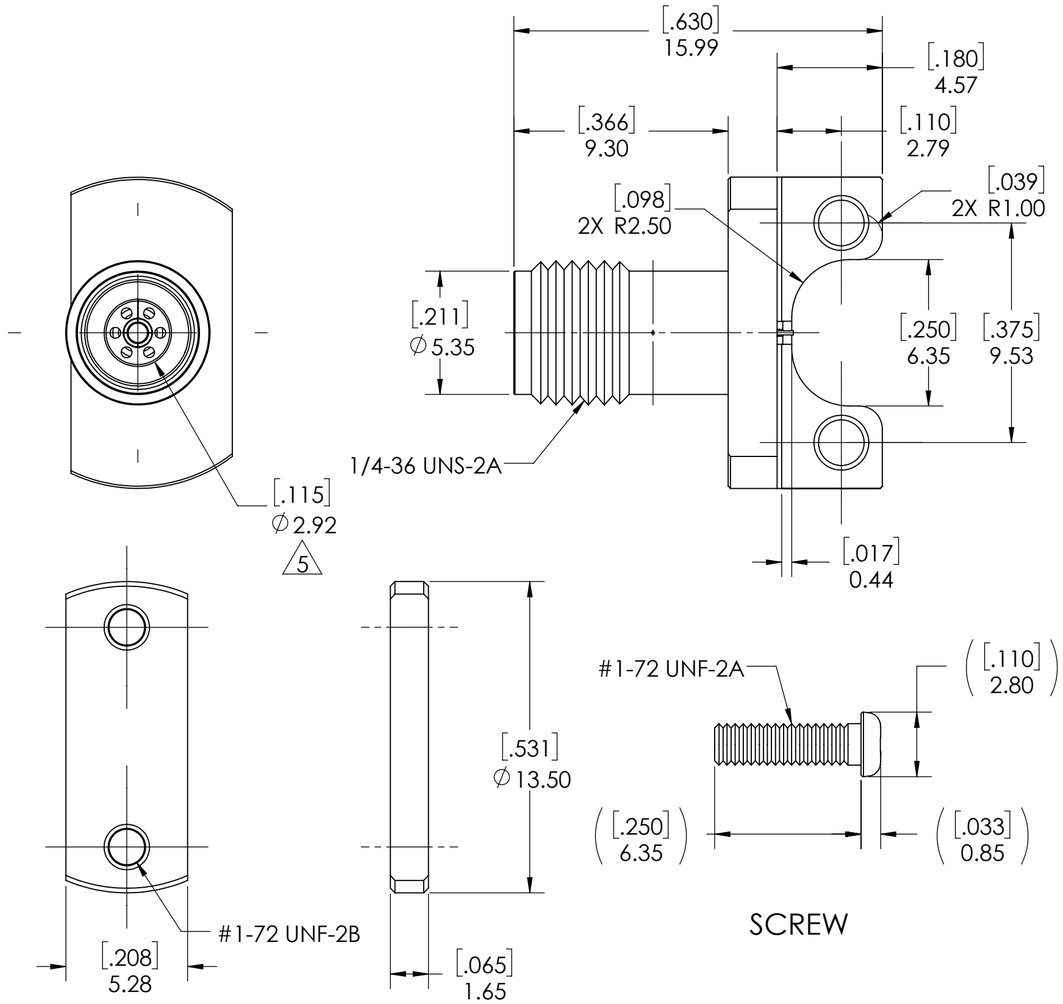
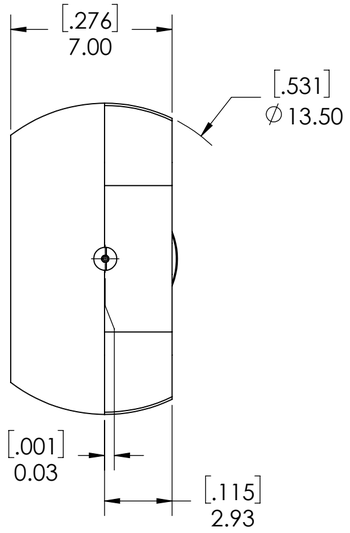
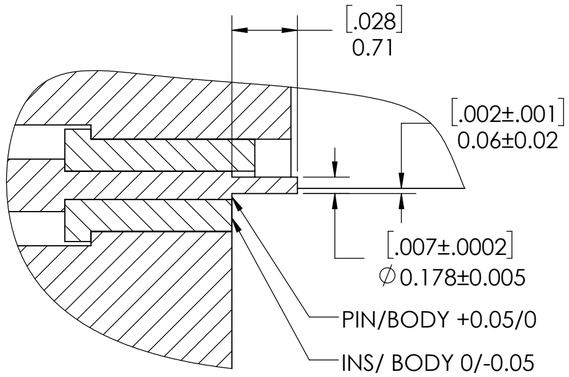
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	07/03/2018	MM
1	UPDATED PART NUMBER	10/24/2018	DL
2	ADDED SHEET 2 PCB DEFINITION	2/20/2019	PV
3	ADDED SECTION VIEW	3/7/2019	PV
4	REVISED MODEL	11/19/2019	PV
5	CORRECTED DIM	1/21/2020	PV
6	ADD MISSING DIM.	6/24/2020	FY
7	FOOT PRINT UPDATED	1/14/2021	FY
8	ADD TOLERANCE ±0.02	9/3/2021	FY
9	REVISED TOLERANCE IN SECTION A	9/8/2021	JZ
10	ADD MOUNTING SCREWS INFO TO TABLE	9/15/2021	JZ

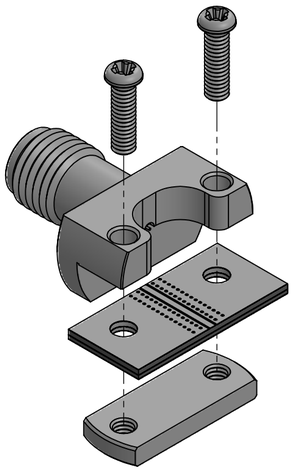




LOCKING BLOCK

SCREW





PROTECTION CAP

NOTE(S):
1. These characteristics are typical and for reference.
2. DYH: 61-20017-44070
3. See sheet 2 for PCB definition.

MATERIAL(S):

Body:
Stainless Steel
Mounting Screws:
Stainless Steel
Center Conductor:
Beryllium Copper
Insulator:
Insulator 1: PCTFE, white
Insulator 2: PTFE, white
RoHS Compliant
Protective Cap
Soft PVC
Color: Yellow

ELECTRICAL(S):

Impedence: 50 Ohms Nominal
Frequency Range: DC to 40 GHz
VSWR: 1.3:1 max at 40 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

MECHANICAL(S):

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

ENVIRONMENTAL(S):

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:
Passivated
Center Conductor:
Gold Plating
Mounting Screws:
Passivated

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

TOLERANCES AND NOTES
EXCEPT AS NOTED

THIRD ANGLE PROJECTION

SCALE 5:1

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		

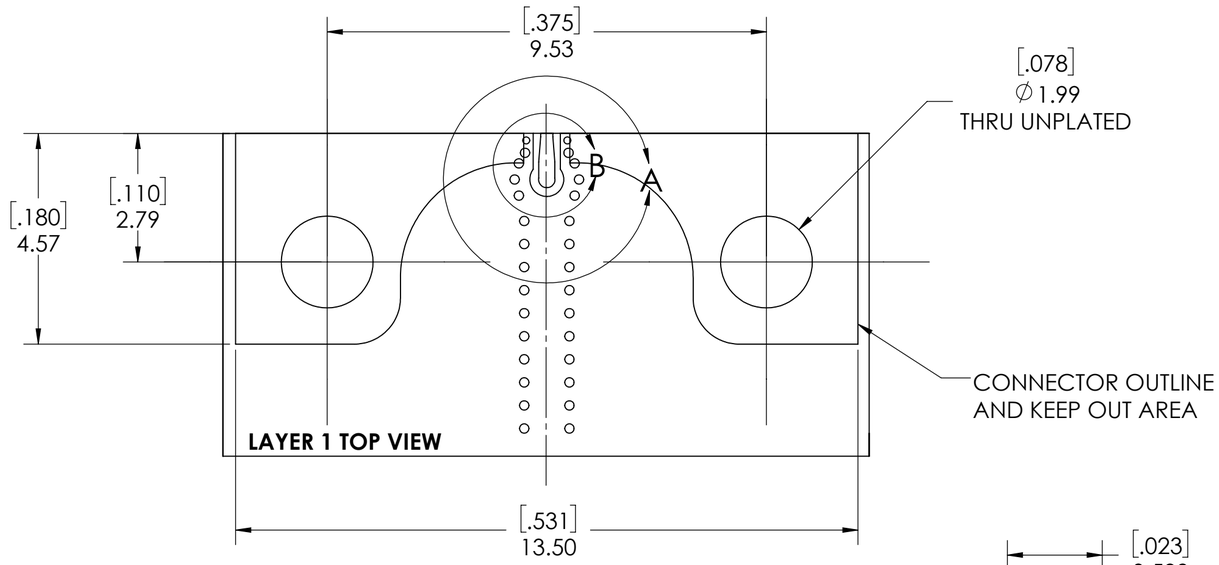
CARLISLE INTERCONNECT TECHNOLOGIES
Dongguan City, Guangdong P.R. China 523533

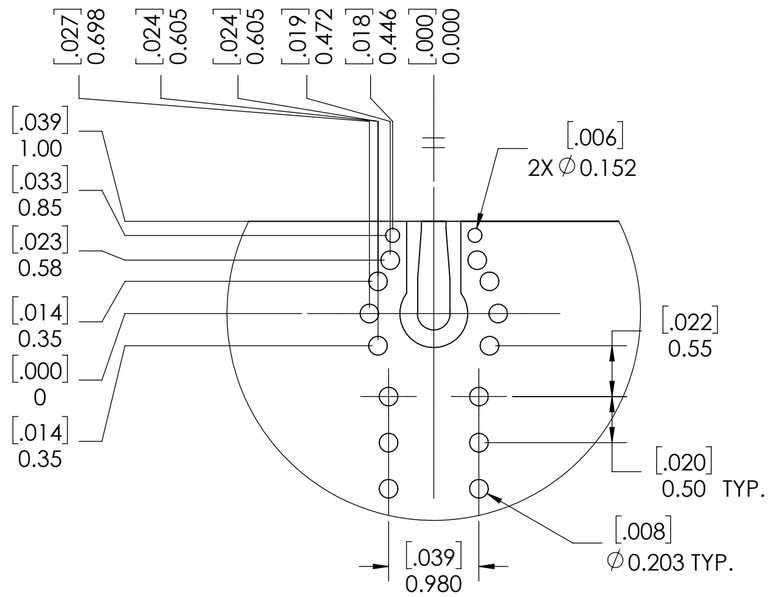
TITLE: 2.92mm STRAIGHT JACK, EDGE MOUNT (SOLDERLESS)

SCALE 5:1 | SUB-DIRECTORY/ _OUTLINE/ | SHEET 1 OF 1

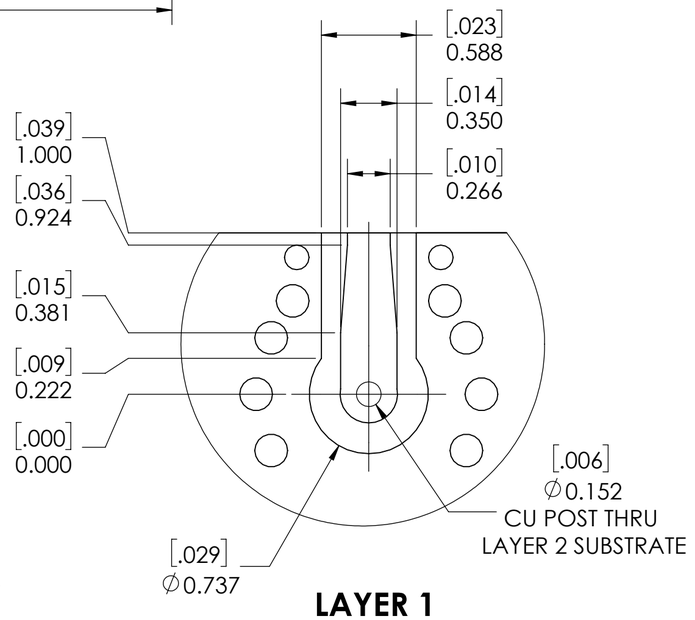
SIZE C | DRAWING NO. TMB-E9F2-1L1 | REV. 10

ENG–SW REV. E

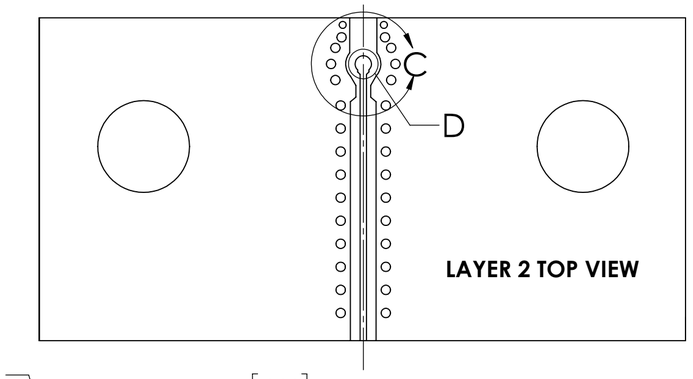


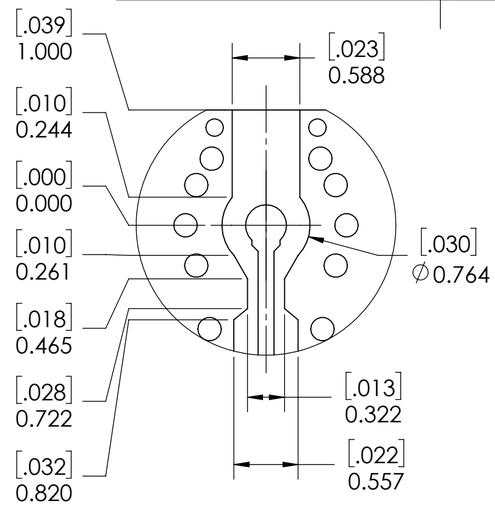


STICH HOLES
DETAIL A
SCALE 20 : 1

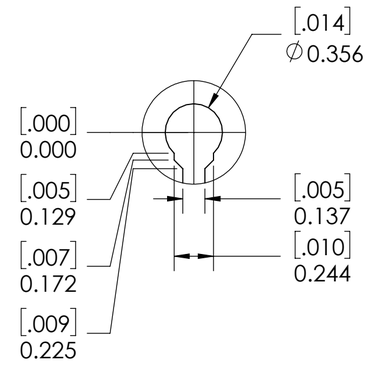


LAYER 1
DETAIL B
SCALE 35 : 1

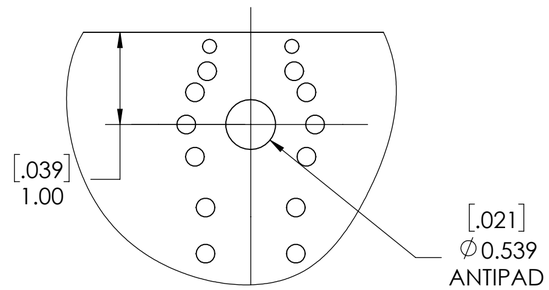




LAYER 2
DETAIL C
SCALE 25 : 1

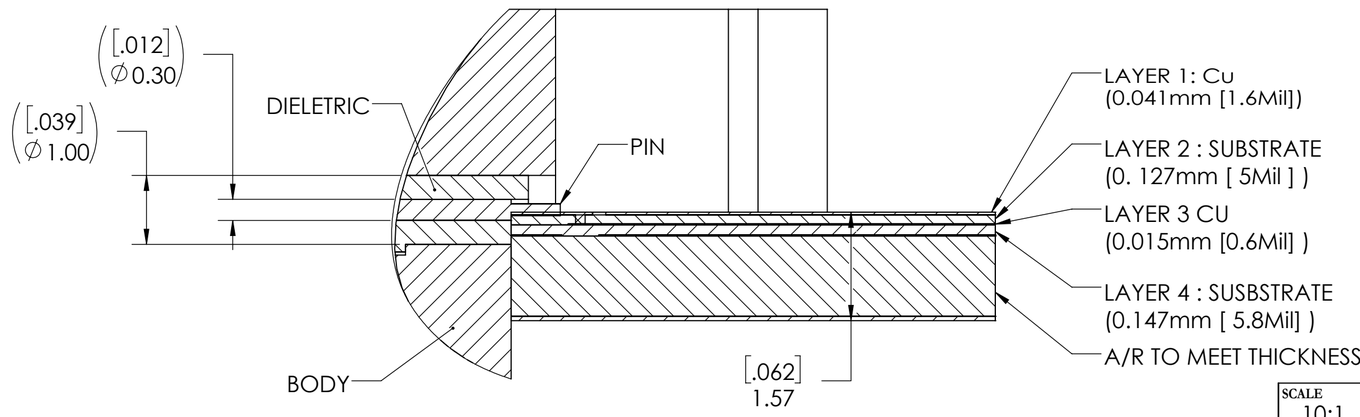


LAYER 2
DETAIL D
SCALE 35 : 1



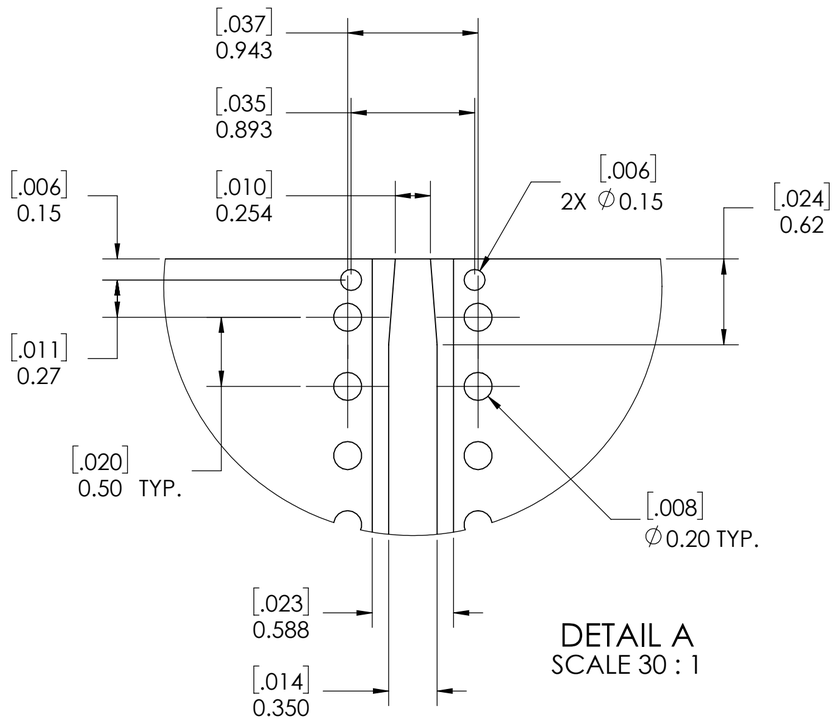
LAYER 3
SCALE 20:1

FOOTPRINT OF STRIPLINE
(REF ONLY)

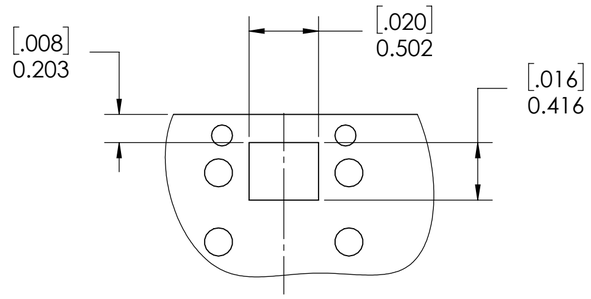


SCALE	SUB-DIRECTORY/	SHEET 2 OF 3
10:1		
SIZE	CAGE CODE	DRAWING NO.	REV.
C		TMB-E8F2-1L1	10

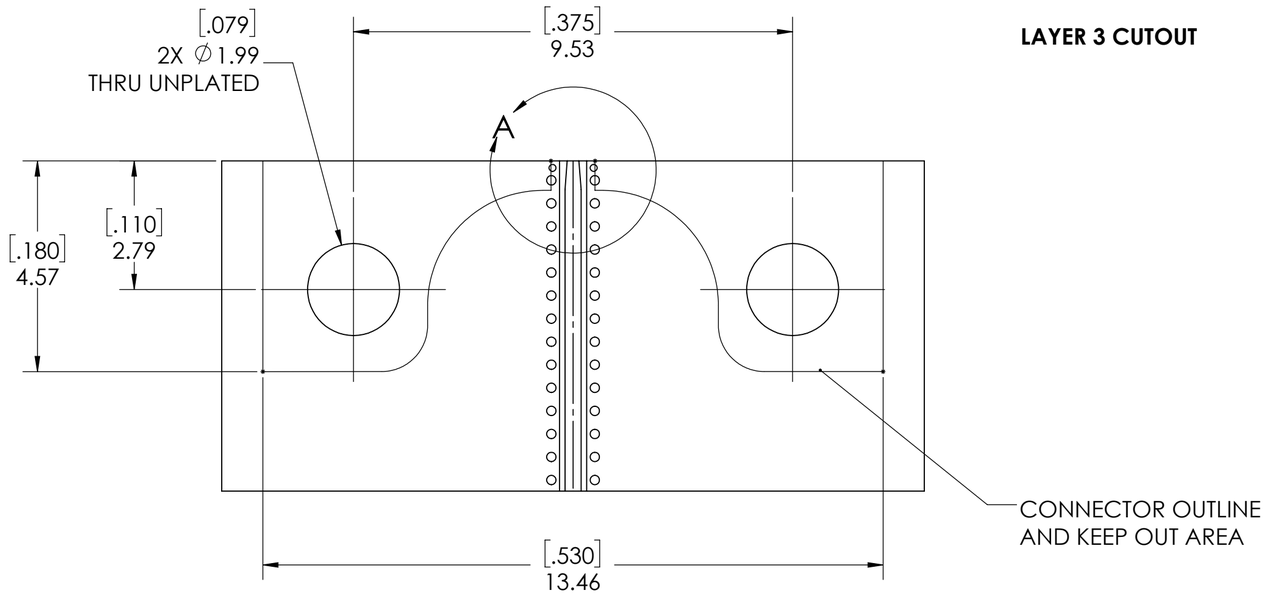
ENG–SW REV. E

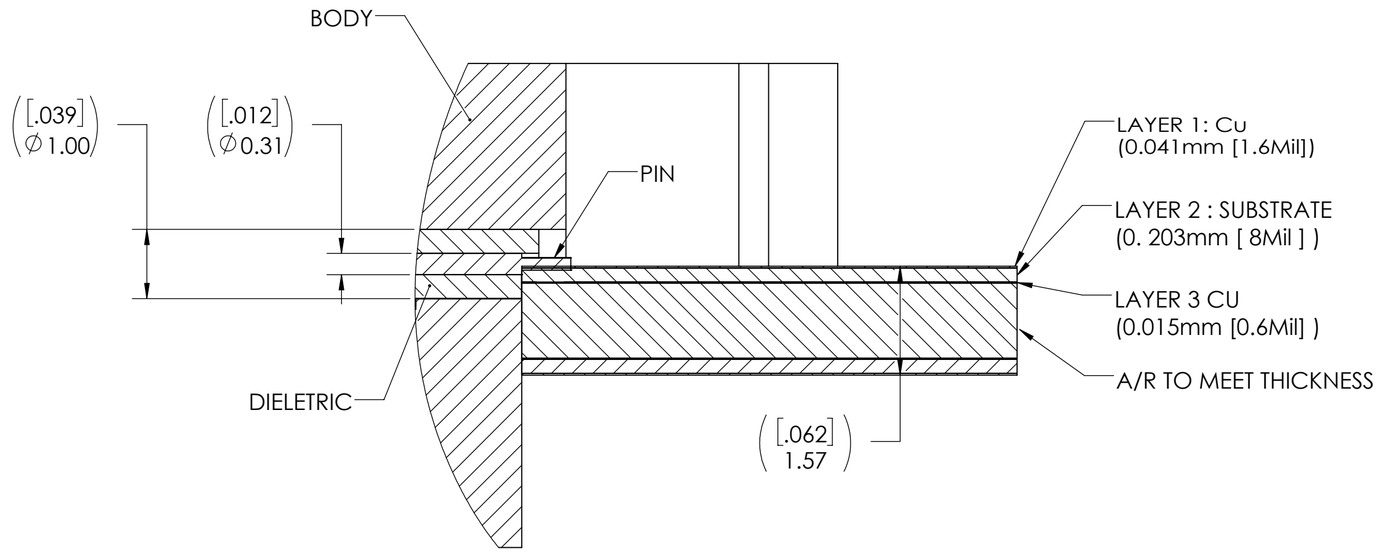


DETAIL A
SCALE 30 : 1



LAYER 3 CUTOUT





FOOTPRINT OF CPW
(REF ONLY)

SCALE 10:1	SUB-DIRECTORY/		SHEET 3 OF 3
SIZE C	CAGE CODE	DRAWING NO. **TMB-E8F2-1L1**	REV. 10

ENG–SW REV. E