




NOTE(S):

1. These characteristics are typical and for reference.
2. DYH: 61-20044-44050B 
3. See sheet 2 for PCB interface definition.

DETAIL A
SCALE 16:1

PROTECTION CAP

MATERIAL(S):		ELECTRICAL(S):		MECHANICAL(S):			ENVIRONMENTAL(S):																				
Body: Stainless Steel Center Conductor: Beryllium Copper Insulator: PCTFE, white RoHS Compliant Protective Cap: Soft PVC Color: Yellow		Impedence: 50 Ohms Nominal Frequency Range: DC to 40 GHz VSWR: 1.30 max at 40 GHz Working Voltage: 500 V RMS max @ Sea Level Dielectric Withstand Voltage: 1000 V RMS max. Insulation Resistance: 5000 megaohms min. Contact Resistance: Initial: Center Contact: 3 Milliohms max Outer Contact: 2 Milliohms max Insertion Loss: <0.38 db @ 40 GHz		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 +85°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	<div> Dongguan City, Guangdong P.R. China 523533</div> <table><tr><td colspan="2">TITLE</td><td colspan="2">2.92mm FEMALE 2 HOLE FLANGE POST CONTACT, CPW</td></tr><tr><td>SCALE</td><td colspan="2">SUB-DIRECTORY/ _OUTLINE/</td><td rowspan="2">SHEET 1 OF 2</td></tr><tr><td>SIZE</td><td colspan="2">DRAWING NO.</td><td>REV.</td></tr><tr><td>C</td><td colspan="2">2</td><td>3</td></tr></table>		TITLE		2.92mm FEMALE 2 HOLE FLANGE POST CONTACT, CPW		SCALE	SUB-DIRECTORY/ _OUTLINE/		SHEET 1 OF 2	SIZE	DRAWING NO.		REV.	C	2		3
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SCALE	SUB-DIRECTORY/ _OUTLINE/		SHEET 1 OF 2																								
SIZE	DRAWING NO.			REV.																							
C	2		3																								
Body: Passivated Center Conductor: Gold Plating		WORK STANDARD	PROD INSTRU	ASSY INSTRU	EXCEPT AS NOTED		DRAWN BY	PV	5/1/19																		
		NA	NA	NA	THIRD ANGLE PROJECTION 		CHECKED BY	PV	5/1/19																		
		-			SCALE 8:1		DESIGN ENG																				
		NOTICE THIS DRAWING EMBODIES A CONFIDENTIAL PROPRIETARY DESIGN ORIGINATED BY CARLISLE INTERCONNECT TECHNOLOGIES & ALL DESIGN, MANUFACTURING, REPRODUCTION, USE & SALE RIGHTS REGARDING THE SAME ARE EXPRESSLY RESERVED. IT IS SUBMITTED UNDER A CONFIDENTIAL RELATIONSHIP FOR A SPECIFIED PURPOSE & THE RECIPIENT AGREES BY ACCEPTING THIS DRAWING NOT SUPPLY OR DISCLOSE ANY INFORMATION REGARDING IT TO ANY UNAUTHORIZED PERSON TO INCORPORATE IN OTHER PROJECTS ANY SPECIAL FEATURES PECULIAR TO THIS DESIGN. ALL PATENT RIGHTS HERETO ARE EXPRESSLY RESERVED BY CARLISLE INTERCONNECT TECHNOLOGIES, CERRITOS, CALIFORNIA 90703.			DIMENSIONS ARE IN [INCHES] ANGLES ±2° MM		APPR BY																				
					.XX DECIMALS ±.063 .XXX DECIMALS ±.01																						

4

3

2

1

D

D

C

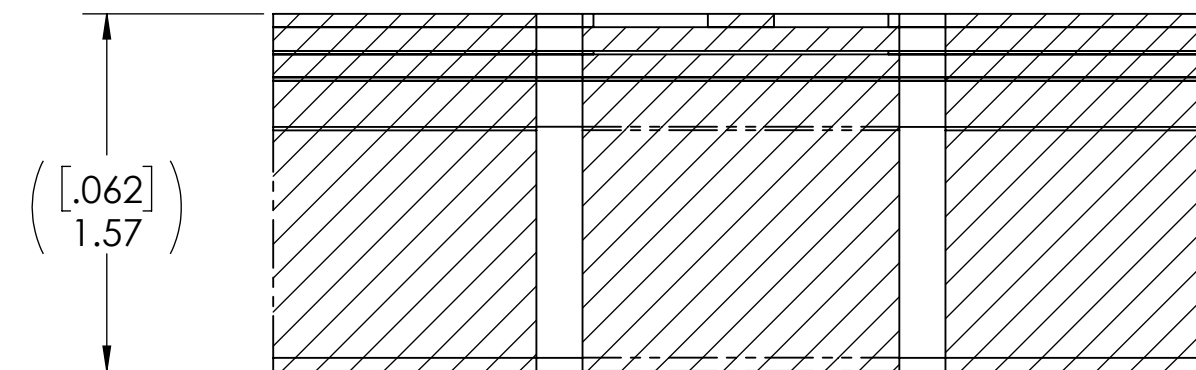
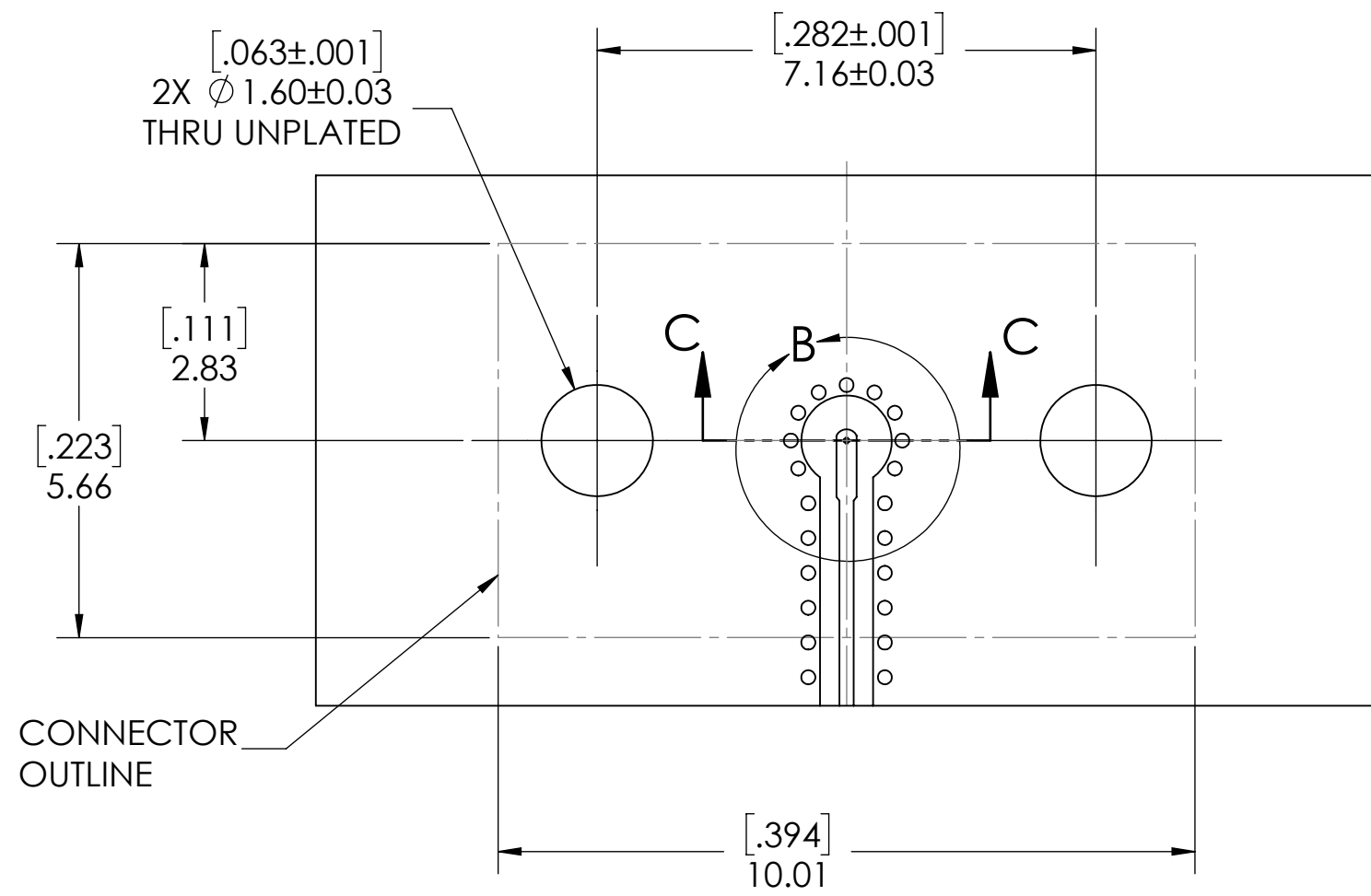
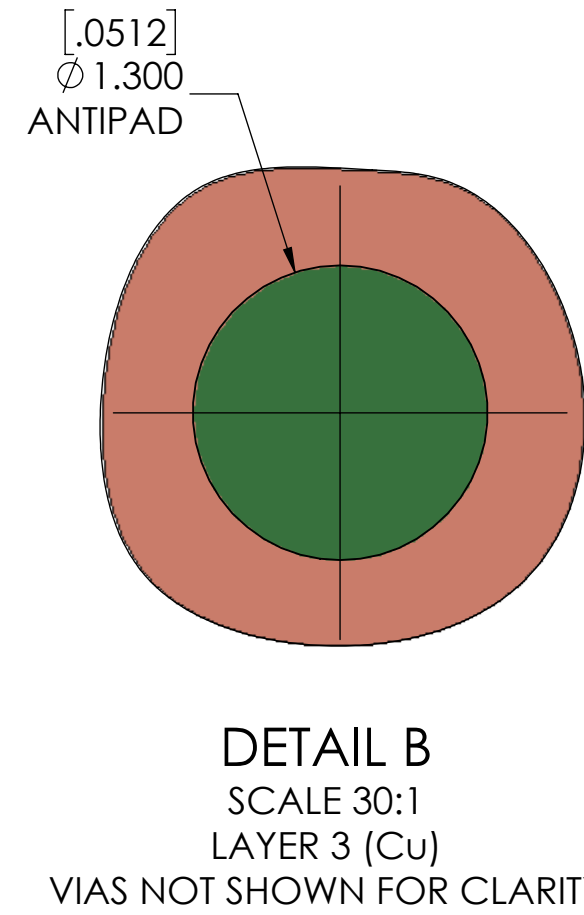
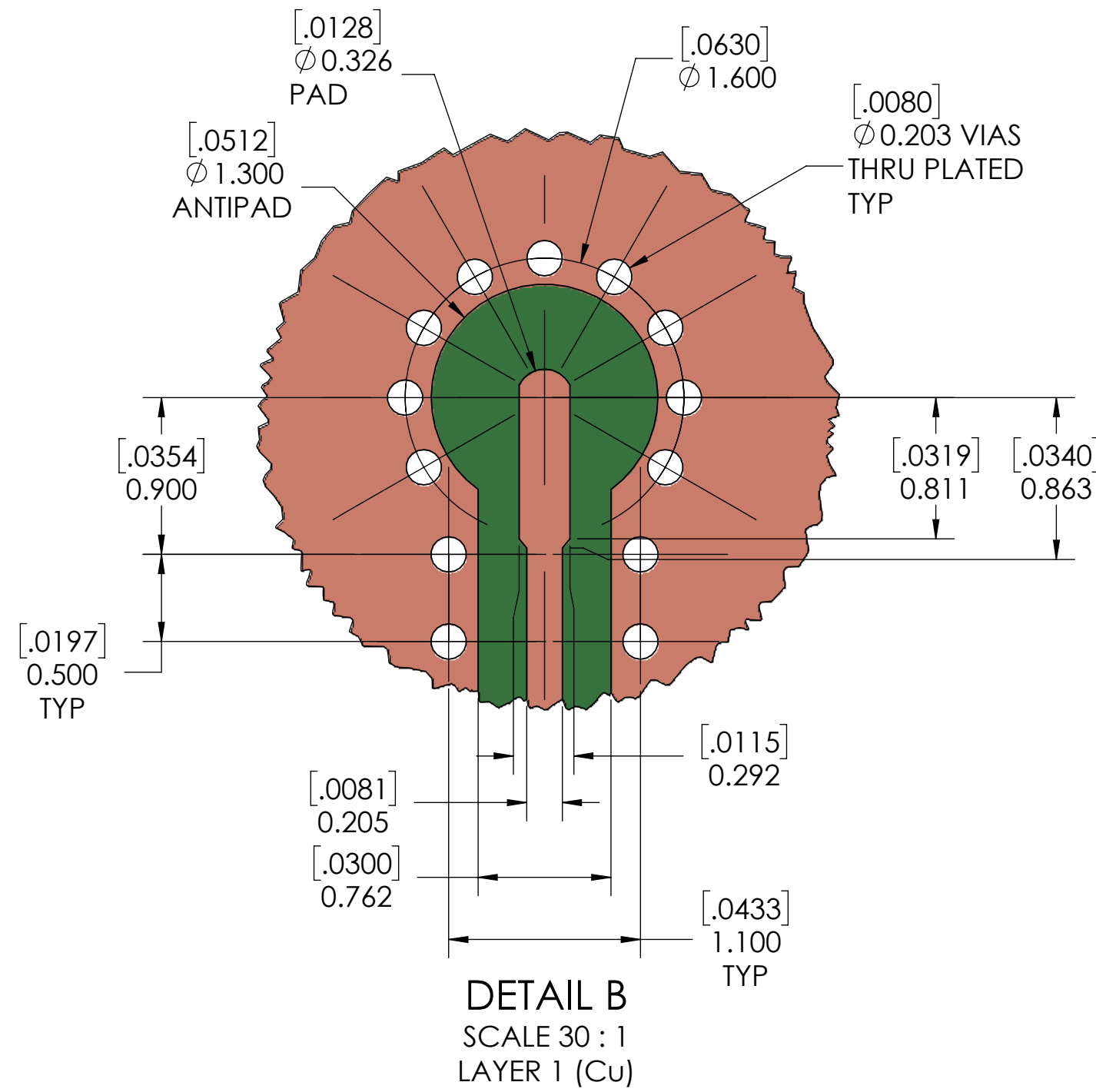
C

B

B

A

A



- LAYER 1: Cu, 0.058mm [2.3mil]
- LAYER 2: DIELECTRIC (PREPREG) 0.104mm [4.11mil]
- LAYER 3: Cu, 0.015mm [0.6mil]
- LAYER 4: DIELECTRIC (CORE) 0.102mm [4.00mil]
- LAYER 5: Cu, 0.015mm [0.6mil]

PCB LAYOUT
(FOR REFERENCE ONLY)

4

3

2

1

SCALE	SUB-DIRECTORY/		SHEET 2 OF 2	
10:1				
SIZE	CAGE CODE	DRAWING NO.		REV.
C		TMB-V9F2-3LC		3