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REVISIONS			
REV.	DESCRIPTION	DATE	DWN
A	RELEMINARY RELEASED	23.Jun.21	James
B	ADD DIMENSION 0.06	3.Sep.21	James
C	REVISED TOLERANCE IN SECTION A	8.Sep.21	James
D	ADD MOUNTING SCREWS INFO TO TABLE	16.Sep.21	James

Top View Dimensions:  
 Overall Width:  $[\frac{.375}{9.53}]$   
 Hole Spacing:  $[\frac{.250}{6.35 \text{ TYP.}}]$   
 Hole Diameter:  $[\frac{.053}{\phi 1.35}]$   
 Chamfer:  $4 \times R6.35$

Side View Dimensions:  
 Total Length:  $[\frac{.819}{20.81}]$   
 Contact Length:  $[\frac{.705}{17.90}]$   
 Contact Diameter:  $[\frac{.167}{\phi 4.25}]$   
 Contact Thickness:  $[\frac{.427}{10.84}]$   
 Contact Spacing:  $[\frac{.065}{1.65}]$   
 Thread: M5.50x0.50P-6g

Section A Dimensions:  
 Pin Length:  $[\frac{.085}{2.17}]$   
 Pin Diameter:  $[\frac{.375}{9.53}]$   
 Pin Spacing:  $[\frac{.500}{12.70}]$   
 Section A Height:  $[\frac{.375}{9.53}]$

Perspective View Dimensions:  
 Mounting Hole Diameter:  $[\frac{.003 \pm .001}{0.06 \pm 0.02}]$   
 Pin Diameter:  $[\frac{.005 \pm .0002}{\phi 0.127 \pm 0.005}]$   
 Pin Length:  $[\frac{.028}{0.71}]$   
 Pin/BODY Tolerance:  $0.02^{+0.03}_{-0.02}$   
 INS/BODY Tolerance:  $0.02^{+0.03}_{-0.02}$

Locking Block Dimensions:  
 Overall Length:  $[\frac{.375}{9.53}]$   
 Overall Width:  $[\frac{.208}{5.28}]$   
 Hole Spacing:  $[\frac{.531}{13.50}]$   
 Hole Diameter:  $[\frac{.065}{1.65}]$   
 Thread: #1-72 UNF-2B

NOTE(S):  
 1. These characteristics are typical and for reference.  
 2. See sheet 2 for PCB definition.

Screw Dimensions:  
 Thread: #0-80 UNF-2A  
 Length:  $[\frac{.160}{4.06}]$   
 Diameter:  $[\frac{.110}{\phi 2.80}]$   
 Thread: #1-72 UNF-2A  
 Length:  $[\frac{.288}{7.32}]$   
 Diameter:  $[\frac{.118}{\phi 3.00}]$   
 Length:  $[\frac{.322}{8.17}]$

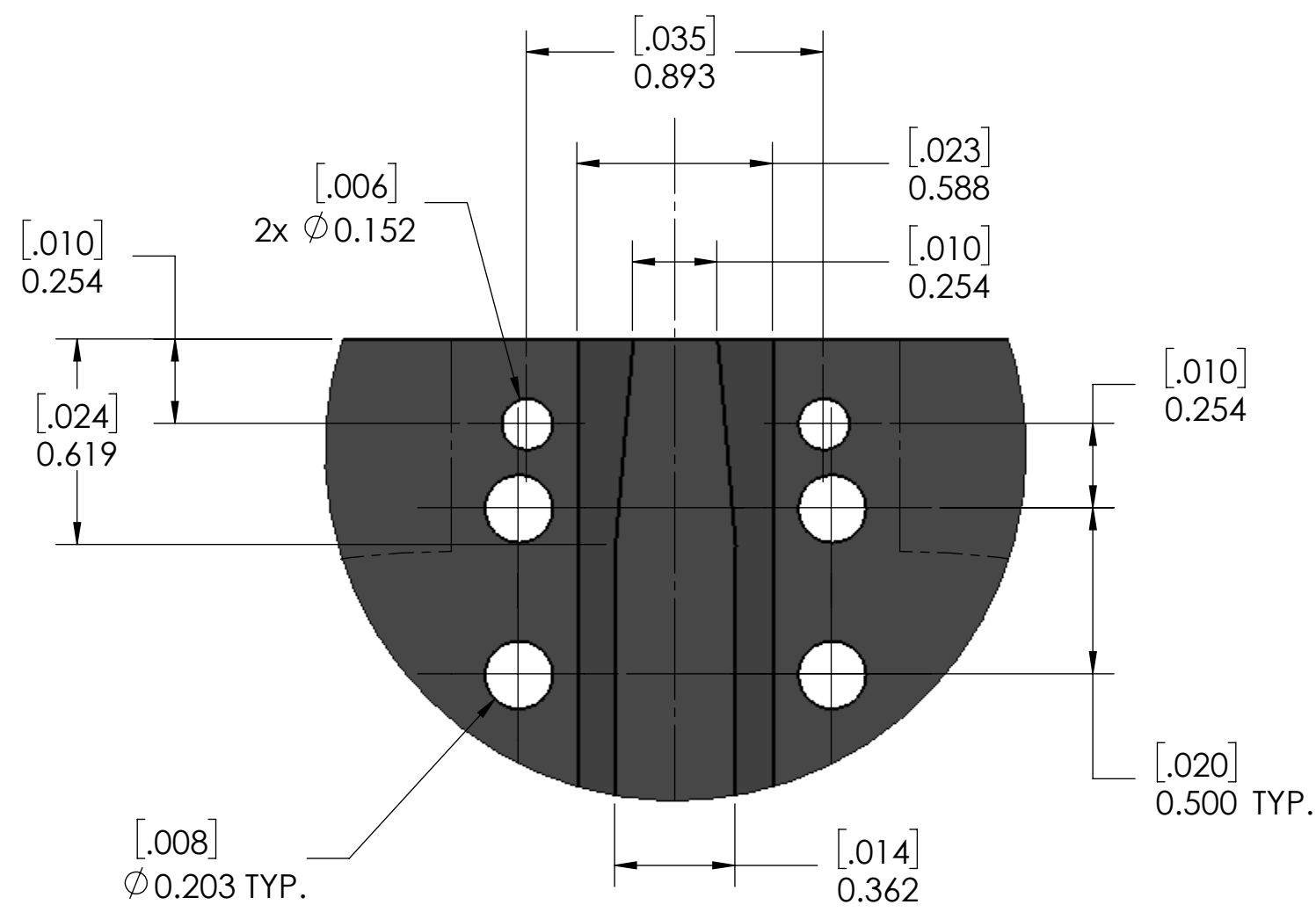
SECTION A SCALE 20 : 1

MATERIAL(S) :	ELECTRICAL(S) :	MECHANICAL(S) :	ENVIRONMENTAL(S) :
Body: Stainless Steel Center Conductor: Beryllium Copper Insulator: Insulator 1: PCTFE, white Insulator 2: PTFE, white RoHS Compliant Protective Cap: Soft PVC Color: Grey Mounting Screws: Stainless Steel	Impedance: 50 Ohms Nominal Frequency Range: DC to 90 GHz VSWR: 1.3:1 max at 90 GHz IL: 0.57dB max AT 90GHz Working Voltage: 400 Vrms max @ Sea Level Dielectric Withstand Voltage: 500 Vrms max. Insulation Resistance: 1000 Megaohms min. Contact Resistance: Center Contact: 4.0 Milliohms max Outer Contact: 0.2 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: -55°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

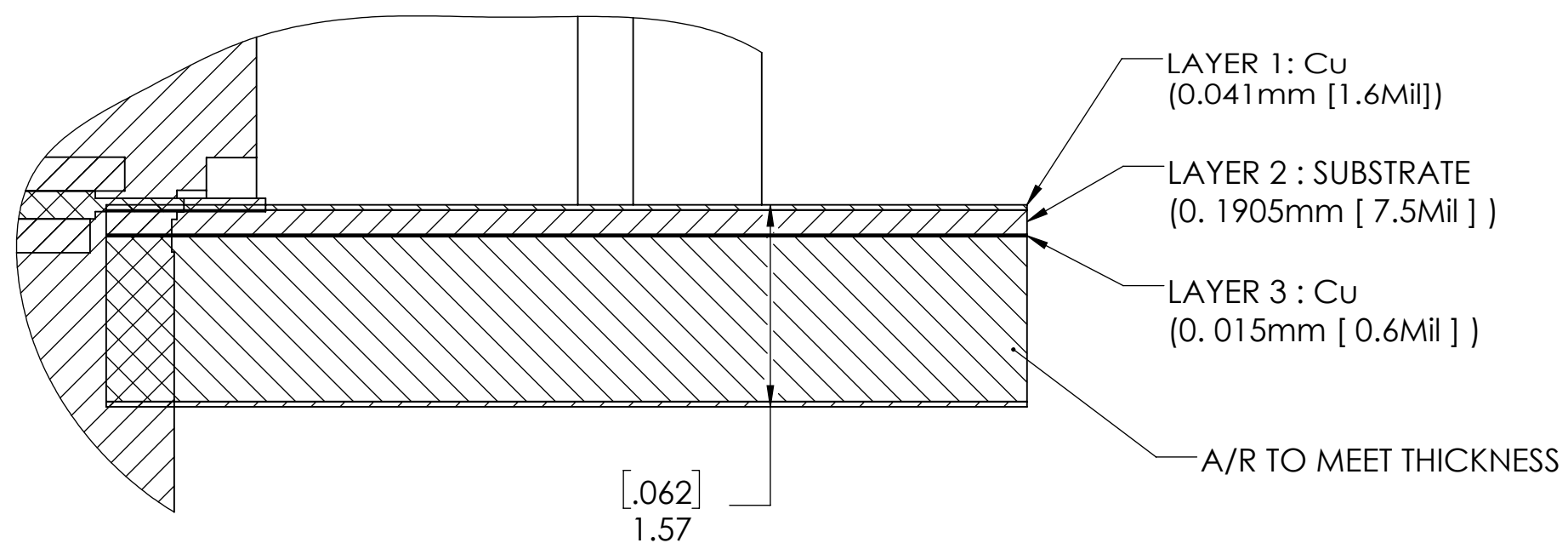
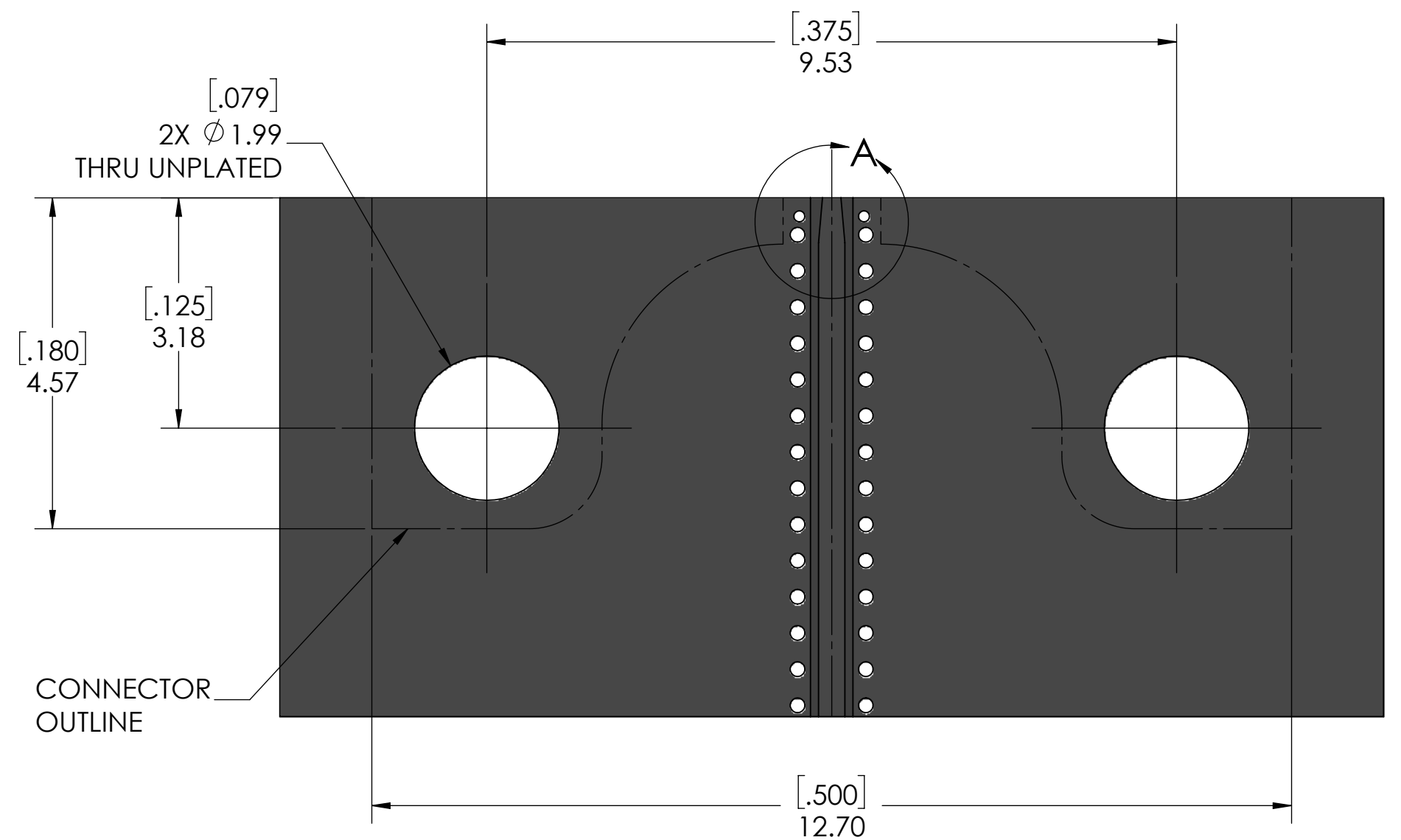
FINISH(ES) :	APPLICABLE CARLISLE IT DOCUMENTS	TOLERANCES AND NOTES	APPROVAL	INITIALS	DATE																						
Body: Passivated Center Conductor: Gold Plating Mounting Screws: Passivated	<table border="1"> <thead> <tr> <th>WORK STANDARD</th> <th>PROD INSTRUC</th> <th>ASSY INSTRUC</th> </tr> </thead> <tbody> <tr> <td>NA</td> <td>NA</td> <td>NA</td> </tr> </tbody> </table> <p>NOTICE                      THIS DRAWING EMBODIES A CONFIDENTIAL PROPRIETARY DESIGN ORIGINATED BY CARLISLE INTERCONNECT TECHNOLOGIES &amp; ALL DESIGN, MANUFACTURING, REPRODUCTION, USE &amp; SALE RIGHTS REGARDING THE SAME ARE EXPRESSLY RESERVED. IT IS SUBMITTED UNDER A CONFIDENTIAL RELATIONSHIP FOR A SPECIFIED PURPOSE &amp; 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</p>	WORK STANDARD	PROD INSTRUC	ASSY INSTRUC	NA	NA	NA	EXCEPT AS NOTED THIRD ANGLE PROJECTION SCALE 5:1 DIMENSIONS ARE IN [INCHES] MM ANGLES $\pm 2^\circ$ .XX DECIMALS $\pm .063$ .XXX DECIMALS $\pm .01$	<table border="1"> <tr> <td>DRAWN BY</td> <td>James</td> <td>DATE</td> <td>23.Jun.21</td> </tr> <tr> <td>CHECKED BY</td> <td></td> <td></td> <td></td> </tr> <tr> <td>DESIGN ENG</td> <td></td> <td></td> <td></td> </tr> <tr> <td>APPR BY</td> <td></td> <td></td> <td></td> </tr> </table>	DRAWN BY	James	DATE	23.Jun.21	CHECKED BY				DESIGN ENG				APPR BY					
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ENG-SW REV. E

4 3 2 1



DETAIL A  
SCALE 50 : 1



PCB LAYOUT CPW  
(FOR REFERENCE ONLY)

SCALE	SUB-DIRECTORY/		SHEET 2 OF 2	
10:1	CAGE CODE	DRAWING NO.	REV.	
C		<b>TMB-E3F4-1L1</b>	D	