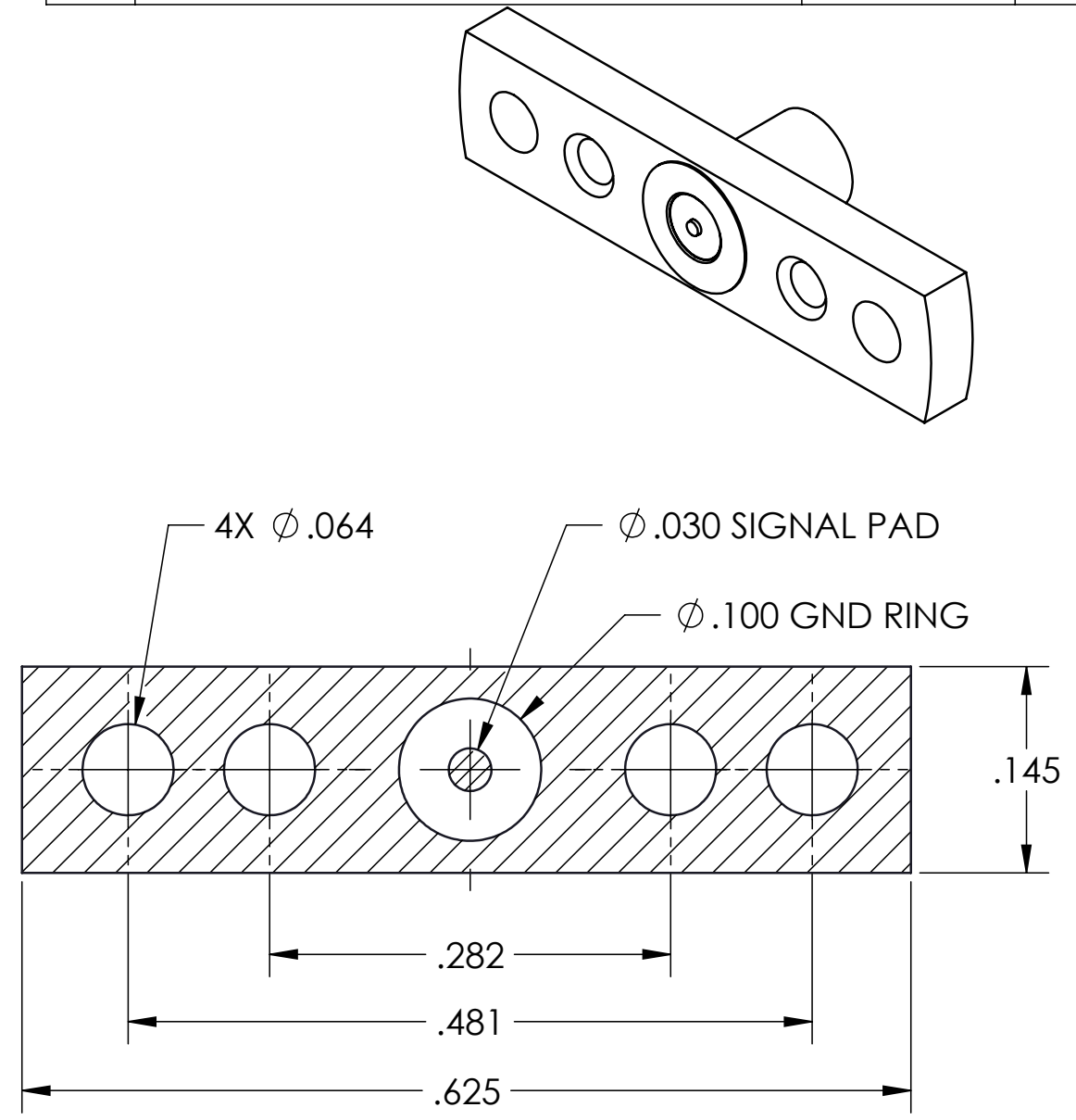
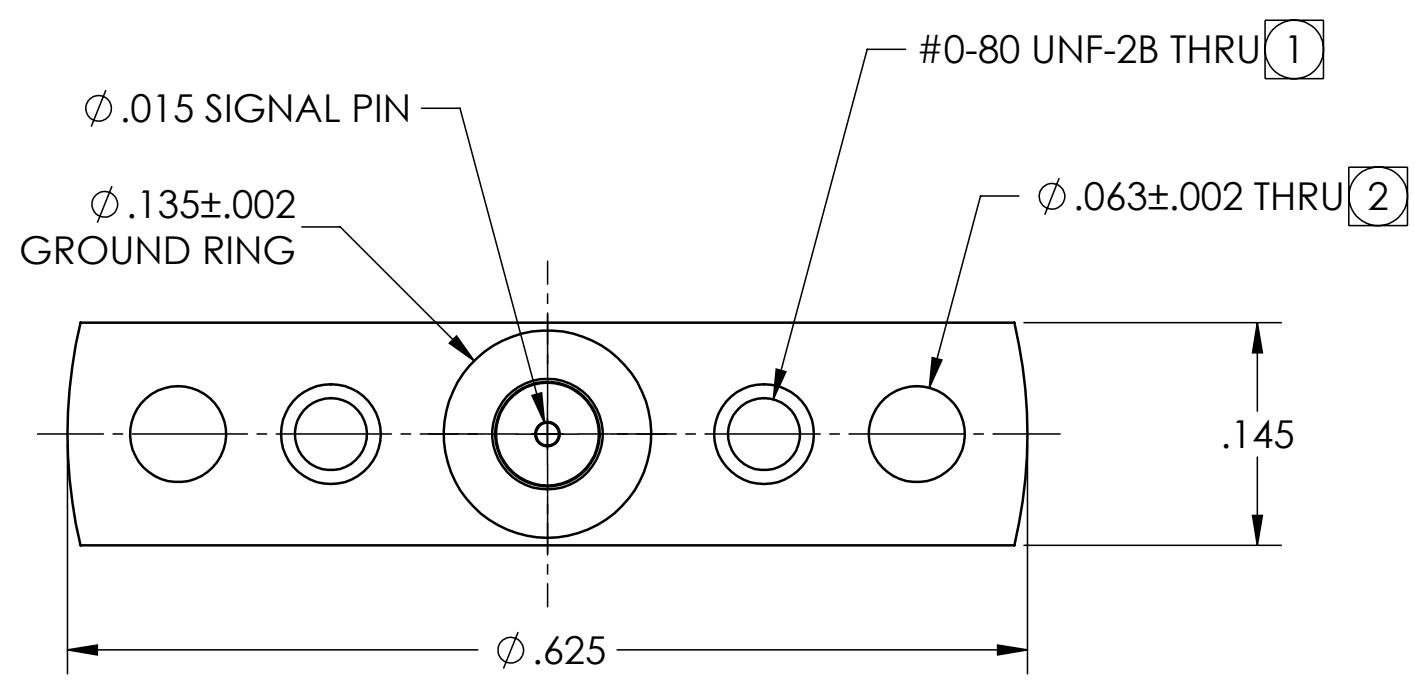
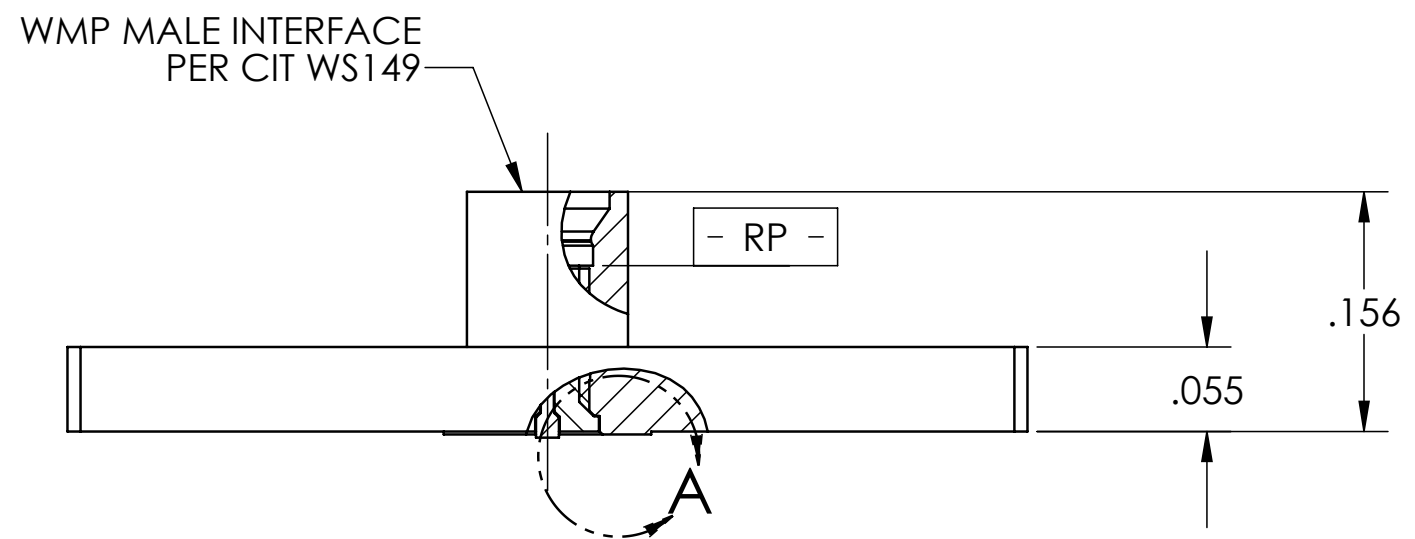
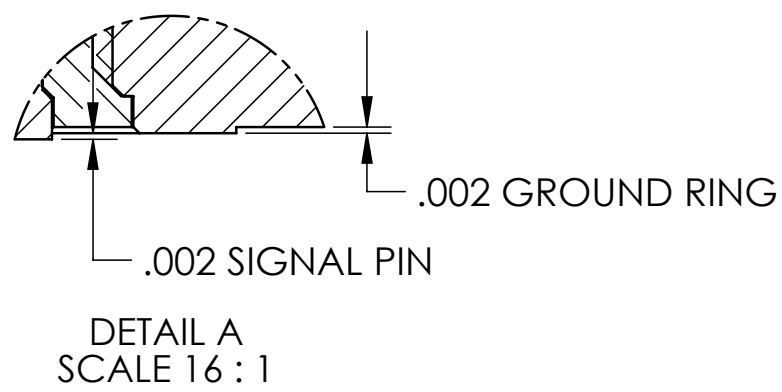


REVISIONS			
REV.	DESCRIPTION	DATE	BY
-	ECO 31274 (INITIAL RELEASE)	04/19/16	PV
A	ECO 31486 (DESIGN CHG)	10/28/2016	YP



NOTES:
OPTIONAL MOUNTING PATTERN:
1 ASSEMBLE FROM REAR SIDE OF PCB.
2 ASSEMBLE FROM FRONT SIDE OF PCB.

MATERIAL(S):	ELECTRICAL(S):	MECHANICAL(S):	ENVIRONMENTAL(S):
Body 303 SST per ASTM A-582 Center Conductor: BeCu Alloy per ASTM B-196 Insulator: Peek 1000	Impedance: 50 Ohms Nominal Frequency Range: DC to 50 GHz VSWR: 1.15:1 to 26.5 GHz 1.25:1 to 50 GHz Insertion Loss: .12 x SQRT(f (GHz)) Working Voltage: 325 Vrms max @ Sea Level Dielectric Withstand Voltage: 500 Vrms min RF HiPot Voltage: 325 Vrms min. @ 5MHz Corona Level: 190 Vrms @ 70,000 ft Insulation Resistance: 5000 MegOhms min RF Leakage: -(65 - f(GHz)) dB Contact Resistance: Center: 6.0 MilliOhms max Outer: 2.0 MilliOhms max	Interface Dimensions: Interface per Carlisle IT WS149. Connector Durability: Detent: 100 cycles Non-Detent: 500 cycles Force to Engage: Detent: 3.5 lbs max Non-Detent: 1.5 lbs max Force to Disengage: Detent: 5.0 lbs min Non-Detent: 1.0 lbs min Center Contact Retention: N/A	Temperature Range: -55°C to +165°C Thermal Shock: MIL-STD-202, Method 107, Test Condition B Moisture Resistance: MIL-STD-202, Method 106, Insulation resistance at least 200 MegaOhms within 5 minutes after removal from humidity. Corrosion: MIL-STD-202, Method 101, Test Condition B Vibration: MIL-STD-202, Method 204, Test Condition D Shock: MIL-STD-202, Method 213, Test Condition I

FINISH(ES):	APPLICABLE CARLISLE IT DOCUMENTS	TOLERANCES AND NOTES	MATERIAL	SPECIFICATION	PROCUREMENT																																
Body Passivate per ASTM A-967 Center Conductor: Gold plate per ASTM B-488 over Nickel plate per SAE AMS-QQ-N-290	<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>	WORK STANDARD	PROD INSTRUC	ASSY INSTRUC	NA	NA	NA	EXCEPT AS NOTED DIMENSIONS ARE IN INCHES. LINEAR .XX ± .015 ANGULAR ± 1/2° FRACTION ± 1/32 1. MACHINE FINISH: $\sqrt{3}$ RMS 2. BREAK ALL SHARP EDGES .003 MAX. 3. MACHINED FILLETS .005 MAX. 4. MACHINED SURFACES SQUARE TO RESPECTIVE AXIS WITHIN .005 INCHES PER INCH. 5. MACHINED DIAMETERS CONCENTRIC WITHIN .002 T.I.R. 6. DIMENSIONS TO BE MET BEFORE PLATING. 7. CHAMFER ALL THREADS 45°. 8. THREADS PER H-28 9. REMOVE FRAVED EDGES ON TEFLON. 10. REMOVE ALL BURRS.	<table border="1"> <thead> <tr> <th>APPROVAL INITIALS</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>DRAWN BY PV</td> <td>01.19.16</td> </tr> <tr> <td>CHECKED BY -</td> <td>-</td> </tr> <tr> <td>TEST ENGR -</td> <td>-</td> </tr> <tr> <td>QUALITY -</td> <td>-</td> </tr> <tr> <td>DESIGN ENG P.V.</td> <td>09.09.16</td> </tr> <tr> <td>MFG. ENGR KM</td> <td>11.02.16</td> </tr> <tr> <td>ECO APPRV PV</td> <td>11.02.16</td> </tr> </tbody> </table>	APPROVAL INITIALS	DATE	DRAWN BY PV	01.19.16	CHECKED BY -	-	TEST ENGR -	-	QUALITY -	-	DESIGN ENG P.V.	09.09.16	MFG. ENGR KM	11.02.16	ECO APPRV PV	11.02.16	<table border="1"> <thead> <tr> <th>SCALE</th> <th>SUB-DIRECTORY/</th> </tr> </thead> <tbody> <tr> <td>8:1</td> <td>_OUTLINE/</td> </tr> </tbody> </table>	SCALE	SUB-DIRECTORY/	8:1	_OUTLINE/	<table border="1"> <thead> <tr> <th>SHEET</th> <th>OF</th> <th>REV.</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>1</td> <td>A</td> </tr> </tbody> </table>	SHEET	OF	REV.	1	1	A
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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.		CARLISLE Interconnect Technologies Cerritos, CA 90703		TITLE WMP®, MALE, DETENT, FIELD REPLACEABLE, FLANGE MOUNT																																	
SCALE 8:1		SIZE C		CAGE CODE 30990																																	
DRAWING NO. OL_3W89981610																																					

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