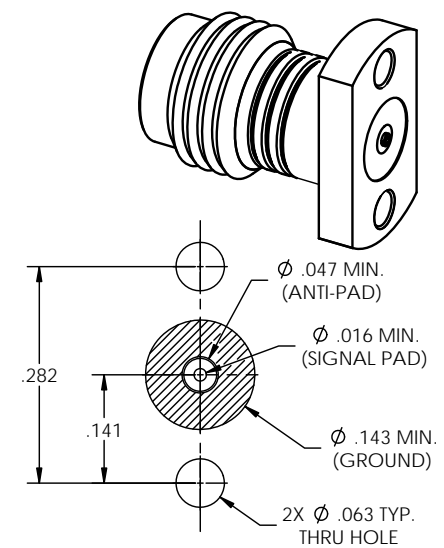
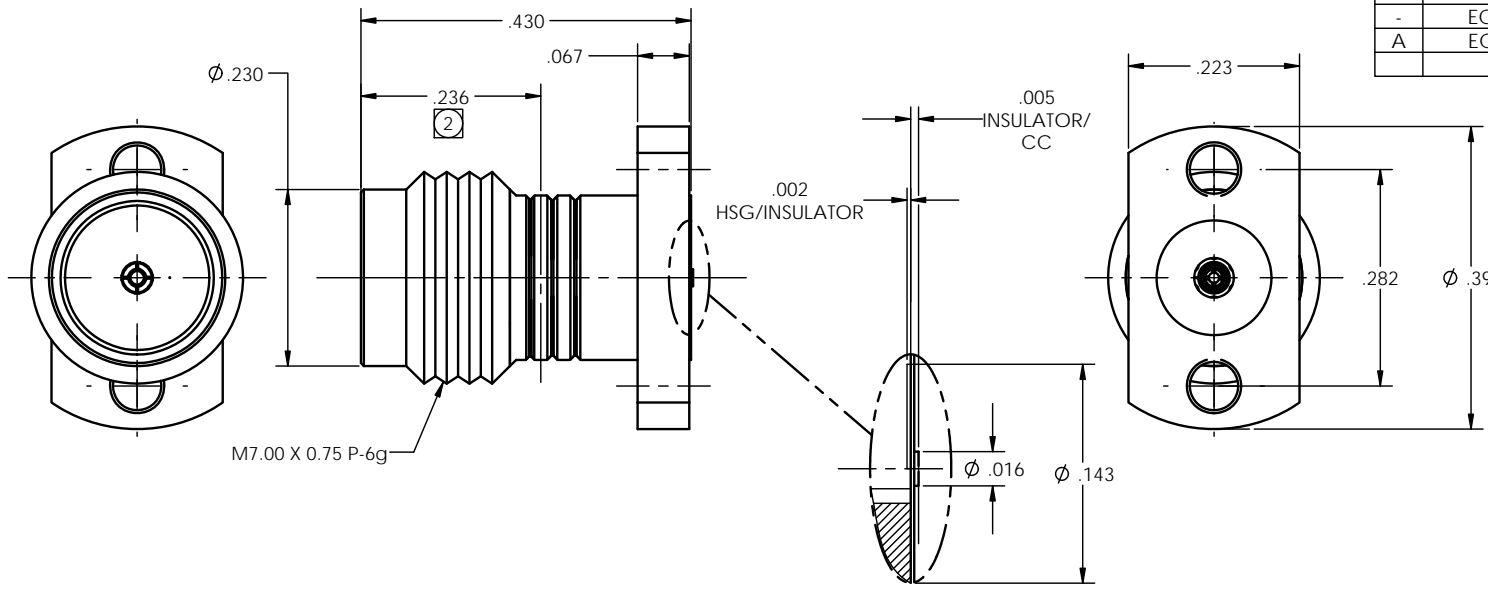


REVISIONS			
REV.	DESCRIPTION	DATE	BY
-	ECO 30751 (INITIAL RELEASE)	5/23/16	DKN
A	ECO 31005 (REDRAW IN SW)	7/19/2016	YP



DETAIL A
SCALE 16 : 1

RECOMMENDED PCB LAYOUT
FOOTING

NOTE(S):
 1. These characteristics are typical and for reference.
 2. Mounting screws must not extend beyond this line.

MATERIAL(S) :

ELECTRICAL(S) :

MECHANICAL(S) :

ENVIRONMENTAL(S) :

Body:
303 Stainless Steel
Center Conductor:
BeCu Alloy C17300
Insulator:
PCTFE, white

Impedance: 50 Ohms Nominal
Frequency Range: DC to 67.0 GHz
VSWR: 1.3:1 max
Working Voltage: 500 Vrms max @ Sea Level
Dielectric Withstand Voltage: 500 Vrms max.
Insulation Resistance: 5000 MegOhms min.
Contact Resistance:
Initial:
Center Contact: 3.0 Milliohms max
Outer Contact: 2.5 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) :

Body:
Passivated
Center Conductor:
Cu 0.75um; Ni 2.50um; Au 0.75um

APPLICABLE CARLISLE IT DOCUMENTS

WORK STANDARD	PROD INSTRUC	ASSY INSTRUC
NA	NA	NA

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TOLERANCES AND NOTES

- EXCEPT AS NOTED
 DIMENSIONS ARE IN INCHES.
 LINEAR .XX ± .015
 ANGULAR ± 1/2°
 FRACTION ± 1/32
- MACHINE FINISH: $\sqrt{}$ RMS
 - BREAK ALL SHARP EDGES .003 MAX.
 - MACHINED FILLETS, .005 MAX.
 - MACHINED SURFACES SQUARE TO RESPECTIVE AXIS WITHIN .005 INCHES PER INCH.
 - MACHINED DIAMETERS CONCENTRIC WITHIN .002 TLR.
 - DIMENSIONS TO BE MET BEFORE PLATING.
 - CHAMFER ALL THREADS 45°.
 - THREADS PER H-28
 - REMOVE FRAVED EDGES ON TEELON.
 - REMOVE ALL BURRS.

MATERIAL

APPROVAL INITIALS	DATE
DRAWN BY YPHAN	07.13.16
CHECKED BY	-
TEST ENGR	-
QUALITY	-
DESIGN ENG P.V.	08.11.16
MFG. ENGR	-
ECO APPRV P.V.	08.11.16

SPECIFICATION

SPECIFICATION		PROCUREMENT	
CARLISLE Interconnect Technologies Cerritos, CA 90703			
TITLE 1.85mm FEMALE 2 HOLE FLANGE POST CONTACT			
SCALE 8:1	SUB-DIRECTORY/ OUTLINE/	SHEET 1 OF 1	
SIZE C	CAGE CODE 30990	DRAWING NO. 4V99981010	REV. A