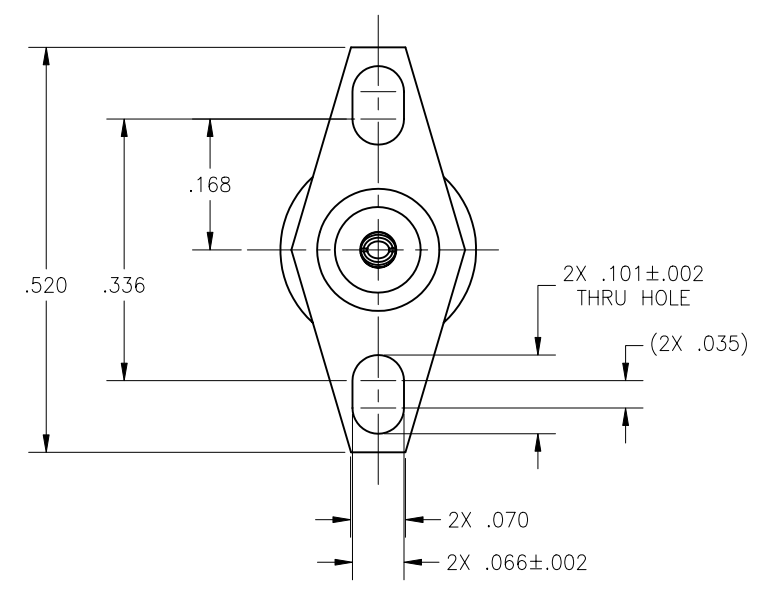
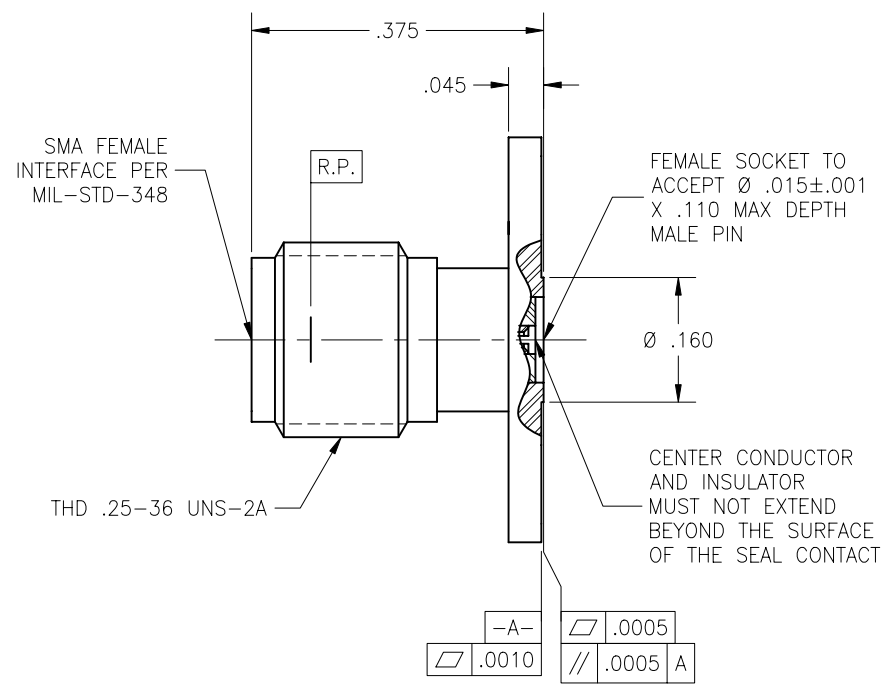


REVISIONS				
ZONE	REV	DESCRIPTION	DATE	BY
—	A	ECO 24018	01.10.11	DKN



MATERIAL(S):	ELECTRICAL:	MECHANICAL:	ENVIRONMENTAL:
Body: 303 sst per ASTM A-582. Center Conductor: BeCu alloy per ASTM B-196. Dielectric: PTFE per ASTM D 1710.	Impedance: 50 Ohms nominal. Frequency Range: DC to 26.5 GHz. VSWR: $1.06 + .005 \times f(\text{GHz})$. Insertion Loss: $.03 \sqrt{f(\text{GHz})}$ dB Working Voltage: 250 Vrms max @ sea level. Dielectric Withstanding Voltage: 750 Vrms min. R.F. HiPot Voltage: 500 Vrms min @ 5MHz. Corona Level: 190 Vrms @ 70,000 ft. Insulation Resistance: 10,000 MegOhms min. R.F. Leakage: $-(90 - f\text{GHz})$. Contact Resistance: Center Contact: 6.0 Milliohm max. Outer Contact: 2.0 Milliohm max.	Mating Characteristics: Interface per Mil-Std-348. Force To Engage & Disengage: Torque: 2 inch-pounds max. Longitudinal Force: NA. Center Contact Retention: Axial Force: 6 pounds min. Connector Durability: 500 cycles min @ 12 cycles/minute max. Permeability: Less than 2.0 mu. Center Contact Captivation: Axial Force from Interface: 6 pounds min. Axial Force from Rear End: 3 pounds min.	Temperature Range: -65°C to +165°C. Thermal Shock: Mil-Std-202, Method 107, Test Cond. F1 (25 cycles between -65°C and +150°C) Bake: Mil-Std-202, Method 108 (+150°C for 24 hours) Moisture Resistance: Mil-Std-202, Method 106, less step 7b. Corrosion: Mil-Std-202, Method 101, Test Cond. B. Vibration: Mil-Std-202, Method 204, Test Cond. D. Shock: Mil-Std-202, Method 213, Test Cond. C.

FINISH(ES):		APPLICABLE CARLISLE IT DOCUMENTS			TOLERANCES AND NOTES EXCEPT AS NOTED		—		—		—		—															
Body: Passivate per ASTM A 967. Center Conductor: Gold plate ASTM B 488, over nickel underplate per AMS-QQ-N-290.		WORK STD			PROD INST			ASSY INST			MATERIAL		SIZE		SPECIFICATION		PROCUREMENT											
		NA			NA			NA			APPROVAL INITIALS		DATE		CARLISLE Interconnect Technologies Long Beach, CA 90815		TITLE SMA FEMALE 2 HOLE FLANGE MOUNT FIELD REPLACEABLE											
											DRAWN BY DKN		01.10.11															
											CHECKED BY																	
											TEST ENGG				SCALE 8:1		SUB-DIRECTORY\FILENAME OLY		SHEET 1 of 1									
											QUALITY				DESIGN ENGG		DNg		01.11.11		SIZE C		CAGE CODE 30990		DRAWING NO. 5663-1200-1CCSF		REV. A	
											MFG ENGG																	
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