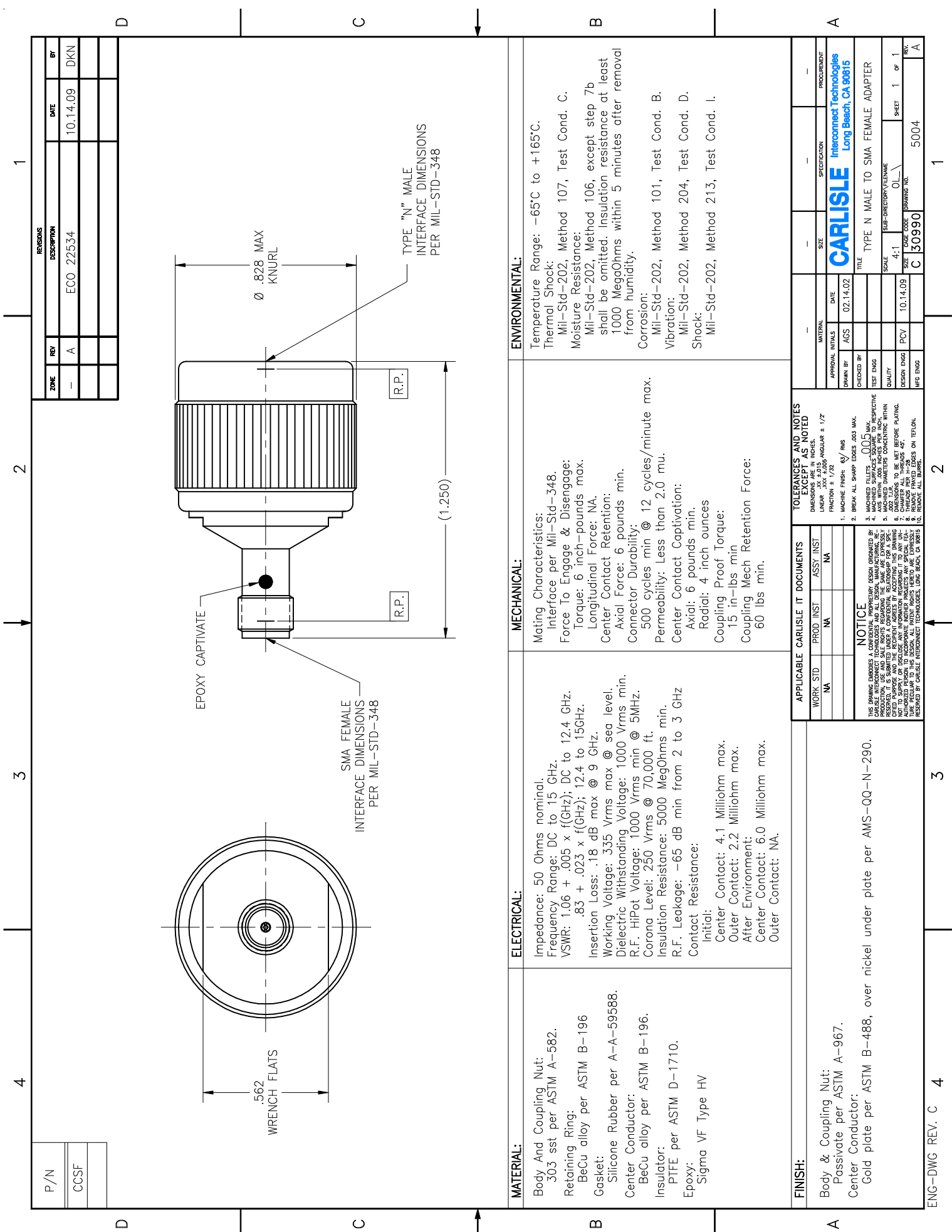




MATERIAL:		ELECTRICAL:		MECHANICAL:		ENVIRONMENTAL:	
Body And Coupling Nut: 303 sst per ASTM A-582. Retaining Ring: BeCu alloy per ASTM B-196 Gasket: Silicone Rubber per A-A-59588. Center Conductor: BeCu alloy per ASTM B-196. Insulator: PIFE per ASTM D-1710. Epoxy: Sigma VF Type HV		Impedance: 50 Ohms nominal. Frequency Range: DC to 15 GHz. VSWR: 1.06 + .005 x f(GHz); DC to 12.4 GHz. .83 + .023 x f(GHz); 12.4 to 15GHz. Insertion Loss: .18 dB max @ 9 GHz. Working Voltage: 335 Vrms max @ sea level. Dielectric Withstanding Voltage: 1000 Vrms min. R.F. HiPot Voltage: 1000 Vrms min @ 5MHz. Corona Level: 250 Vrms @ 70,000 ft. Insulation Resistance: 5000 MegOhms min. R.F. Leakage: -65 dB min from 2 to 3 GHz Contact Resistance: Initial: Center Contact: 4.1 Milliohm max. Outer Contact: 2.2 Milliohm max. After Environment: Center Contact: 6.0 Milliohm max. Outer Contact: NA.		Mating Characteristics: Interface per Mil-Std-348. Force To Engage & Disengage: Torque: 6 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: 6 pounds min. Radial: 4 inch ounces Coupling Proof Torque: 15 in-lbs min Coupling Mech Retention Force: 60 lbs min.		Temperature Range: -65°C to +165°C. Thermal Shock: Mil-Std-202, Method 107, Test Cond. C. Moisture Resistance: Mil-Std-202, Method 106, except step 7b shall be omitted. Insulation resistance at least 1000 MegaOhms within 5 minutes after removal from humidity. 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. I.	
FINISH:		APPLICABLE CARLISLE IT DOCUMENTS		TOLERANCES AND NOTES EXCEPT AS NOTED		CARLISLE Interconnect Technologies Long Beach, CA 90815	
Body & Coupling Nut: Passivate per ASTM A-967. Center Conductor: Gold plate per ASTM B-488, over nickel under plate per AMS-QQ-N-290.		WORK STD	PROD INST	ASSY INST	APPROVAL INITIALS	DATE	SPECIFICATION
		NA	NA	NA	APPROVAL INITIALS	DATE	PROUREMENT
		NOTICE			DRAWN BY	DATE	
		THIS DRAWING EMPLOYS A CONVENTIONAL PROPRIETARY DESIGN ORIGINATED BY CARLISLE INTERCONNECT TECHNOLOGIES AND ALL DESIGN MANUFACTURING, REVISIONS, AND MODIFICATIONS ARE THE PROPERTY OF CARLISLE INTERCONNECT TECHNOLOGIES. IT IS SUBMITTED UNDER A CONFIDENTIAL RELATIONSHIP FOR A SPECIFIC PURPOSE AND IS NOT TO BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF CARLISLE INTERCONNECT TECHNOLOGIES. LONG BEACH, CA 90815. AUTHORIZED PERSONS TO INCORPORATE: OTHER PROJECTS ANY SPECIAL FEATURES, DIMENSIONS TO BE MET BEFORE PLATING. DIMENSIONS TO BE MET AFTER PLATING. 1. MACHINING FINISH: 63/ RMS 2. BREAK ALL SHARP EDGES .001 MAX. 3. MACHINED FLEETS: .005 MAX. 4. MACHINED DIAMETERS CONCENTRIC WITHIN .001 MAX. 5. MACHINED DIAMETERS CONCENTRIC WITHIN .001 MAX. 6. THREADS PER IN-28 7. THREADS PER IN-28 8. REMOVE ALL BURRS.			CHECKED BY	DATE	
					TEST ENGS		
					QUALITY		
					DESIGN ENGS		
					MFG ENGS		
					SIZE	CODE	DRAWING NO.
					C	30990	5004
					SHEET	1	OF 1
					REV.		