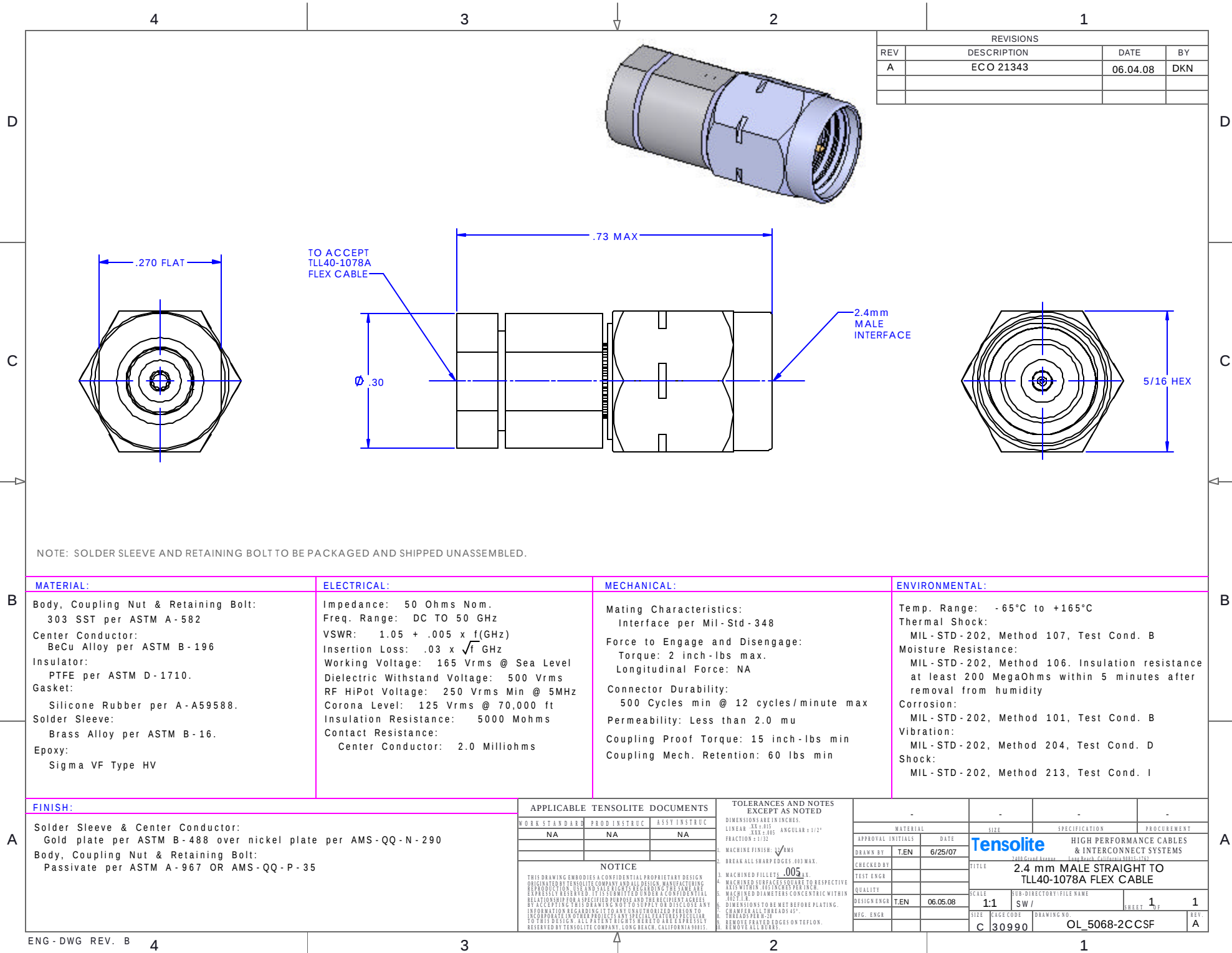




REVISIONS			
REV	DESCRIPTION	DATE	BY
A	ECO 21343	06.04.08	DKN

NOTE: SOLDER SLEEVE AND RETAINING BOLT TO BE PACKAGED AND SHIPPED UNASSEMBLED.

MATERIAL:	ELECTRICAL:	MECHANICAL:	ENVIRONMENTAL:
Body, Coupling Nut & Retaining Bolt: 303 SST per ASTM A-582 Center Conductor: BeCu Alloy per ASTM B-196 Insulator: PTFE per ASTM D-1710. Gasket: Silicone Rubber per A-A59588. Solder Sleeve: Brass Alloy per ASTM B-16. Epoxy: Sigma VF Type HV	Impedance: 50 Ohms Nom. Freq. Range: DC TO 50 GHz VSWR: 1.05 + .005 x f(GHz) Insertion Loss: .03 x $\sqrt{f}$ GHz Working Voltage: 165 Vrms @ Sea Level Dielectric Withstand Voltage: 500 Vrms RF HiPot Voltage: 250 Vrms Min @ 5MHz Corona Level: 125 Vrms @ 70,000 ft Insulation Resistance: 5000 Mohms Contact Resistance: Center Conductor: 2.0 Milliohms	Mating Characteristics: Interface per Mil-Std-348 Force to Engage and Disengage: Torque: 2 inch-lbs max. Longitudinal Force: NA Connector Durability: 500 Cycles min @ 12 cycles/minute max Permeability: Less than 2.0 mu Coupling Proof Torque: 15 inch-lbs min Coupling Mech. Retention: 60 lbs min	Temp. Range: -65°C to +165°C Thermal Shock: MIL-STD-202, Method 107, Test Cond. 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 Cond. B Vibration: MIL-STD-202, Method 204, Test Cond. D Shock: MIL-STD-202, Method 213, Test Cond. I

FINISH:	APPLICABLE TENSOLITE DOCUMENTS	TOLERANCES AND NOTES EXCEPT AS NOTED	MATERIAL	SIZE	SPECIFICATION	PROCUREMENT
Solder Sleeve & Center Conductor: Gold plate per ASTM B-488 over nickel plate per AMS-QQ-N-290 Body, Coupling Nut & Retaining Bolt: Passivate per ASTM A-967 OR AMS-QQ-P-35	WORK STANDARD NA PROD INSTRUC NA ASST INSTRUC NA	1. MACHINE FINISH: $\sqrt{VMS}$ 2. BREAK ALL SHARP EDGES .003 MAX. 3. MACHINED FILLETS: .005 R. 4. MACHINED SURFACES SQUARE TO RESPECTIVE AXIS WITHIN .005 INCHES PER VIEW. 5. MACHINED DIAMETERS CONCENTRIC WITHIN .002 I.D. 6. DIMENSIONS TO BE MET BEFORE PLATING. 7. CHAMFER ALL THREADS 45°. 8. THREADS PER ANSI 9. REMOVE PRAYED EDGES ON TEFLON. 10. REMOVE ALL BURRS.	APPROVAL INITIALS DRAWN BY CHECKED BY TEST ENGR QUALITY DESIGN ENGR MFG. ENGR	DATE 6/25/07 06.05.08	HIGH PERFORMANCE CABLES & INTERCONNECT SYSTEMS 2.4 mm MALE STRAIGHT TO TLL40-1078A FLEX CABLE	1 1