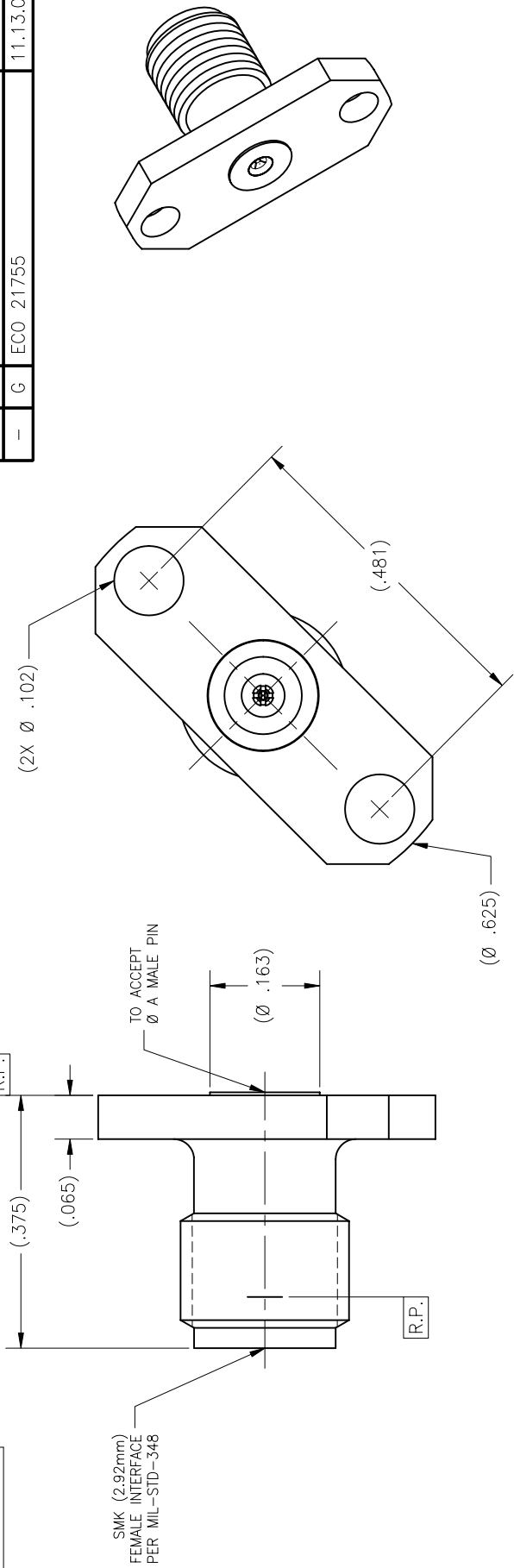



NOTE: ALL ITEMS TO BE SHIPPED UNASSEMBLED.

MATERIAL:	ELECTRICAL:	MECHANICAL:	ENVIRONMENTAL:
Body & Insert: 303 SST per ASTM A-582 Center Conductor: BeCu Alloy per ASTM B-196 Bead: High Performance	Impedance: 50 Ohms Nom. Freq. Range: DC TO 40 GHz. VSWR: 1.10:1 DC to 18 GHz. 1.25:1 18 GHz to 40 GHz. Insertion Loss: 0.5 dB max to 40 GHz. Working Voltage: 500 Vrms @ Sea Level. Insulation Resistance: 5,000 Megohms. Dielectric Withstand Voltage: 1,500 Vrms. RF HiPot Voltage: 1,000 Vrms Min @ 5MHz. RF Leakage: -(90 - f GHz) dB min. Corona Level: 375 Vrms @ 70,000 ft. Contact Resistance Center Conductor: Before Environmental: 3.0 Milliohms max. After Environmental: 4.0 Milliohms max. Outer Conductor: Before Environmental: 2.0 Milliohms max. After Environmental: Not Applicable	Interface Dimensions: MIL-STD-348 Connector Durability: 500 Cycles Force to Engage and Disengage: Logitudinal Force: NA Torque: 2 inch-pounds max.	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. B Shock: MIL-STD-202, Method 213, Test Cond. I

FINISH:	APPLICABLE CARLISLE IT DOCUMENTS	TOLERANCES AND NOTES EXCEPT AS NOTED	SEE NOTES	—	—
Body & Insert: (for CCSF): Passivate per ASTM A-967, nitric 1. (for CC): Gold plate per ASTM B-488 over nickel plate per AMS-QQ-N-290 Center Conductor: Gold plate per ASTM B-488 over nickel plate per AMS-QQ-N-290	WORK STD NA PROD INST NA ASSY INST NA NOTICE THIS DRAWING EMBODIES A CONFIDENTIAL PROPRIETARY DESIGN ORIGINATED BY CARLISLE INTERCONNECT TECHNOLOGIES AND ALL DESIGN, MANUFACTURING, RE-DESIGN, AND/OR REVISIONS ARE THE PROPERTY OF CARLISLE INTERCONNECT TECHNOLOGIES. IT IS SUBMITTED UNDER A CONFIDENTIAL RELATIONSHIP FOR A SPECIFIC PURPOSE AND THE RECIPIENT AGREES BY ACCEPTING THIS DRAWING THAT ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED AND NOT TO BE RELEASED BY CARLISLE INTERCONNECT TECHNOLOGIES, LONG BEACH, CA 90815.	DIMENSIONS ARE IN INCHES. 1. LINEAR .XXX ±.005 ANGULAR ± 1/2° FRACTION ± 1/32 2. MACHINE FINISH: 32/ RMS 3. BREAK ALL SHARP EDGES .003 MAX. 4. MACHINED FILLETS .005 MAX. 5. MACHINED DIAMETERS CONCENTRIC WITHIN .005 INCHES PER INCH. 6. DIMENSIONS TO BE MET BEFORE PLATING. 7. DIMENSIONS TO BE MET AFTER PLATING. 8. THREADS PER H-28. 9. REMOVE FRAYED EDGES ON TEFLON. 10. REMOVE ALL BURRS.	MATERIAL BRD DATE 12/04/95 APPROVAL INITIALS DRAWN BY CHECKED BY TEST ENG QUALITY DESIGN ENG MFG ENG	SIZE 8:1 SCALE 8:1 SUB-DIRECTORY/FILENAME OL SHEET 1 OF 1 DRAWING NO. 231 REV. G	PROCUREMENT CARLISLE Interconnect Technologies Long Beach, CA 90815 TITLE SMK (2.92mm) FEMALE 2 HOLE FLANGE (.223 X .625) MOUNT FIELD REPLACEABLE C 30990