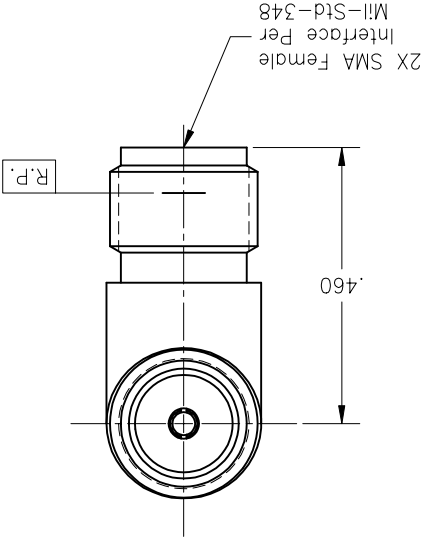
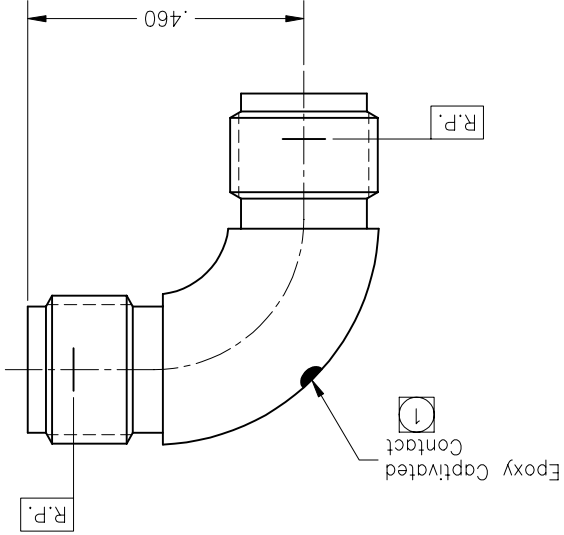


P/N	APPLICABLE
BASIC	
SF	
CC	1
CCSF	1

Note(s):

1. Epoxy is required only on Part No.'s 5095CC and 5095CCSF.



REVISIONS				
ZONE	REV.	DESCRIPTION(S)	DATE	BY
—	C	ECO 19617	10.02.06	P.MAO

REV.	C
DRAWING NO.	5095

MATERIAL(S):

Body: 304 sst per MIL-T-8504 or SAE-AMS-5567. Center Conductor: BeCu alloy per ASTM B-196. Dielectric: PTFE per ASTM D-1710. Epoxy: **Sigma VF type HV.	Impedance: 50 Ohms nominal. Frequency Range: DC to 18.0 GHz. VSWR: 1.05 + .005 X f(GHz). Insertion Loss: .03 √f(GHz). Working Voltage: 335 Vrms max @ sea level. Dielectric Withstanding Voltage: 1,000 Vrms min. R.F. HiPot Voltage: 670 Vrms min @ 5MHz. Corona Level: 250 Vrms @ 70,000 ft. Insulation Resistance: 5000 MegOhms min. R.F. Leakage: —(65 — fGHz) dB (For CC & CCSF's). R.F. Leakage: —(90 — fGHz) dB (For BASIC & SF's). Contact Resistance: Before Environmental: Center Contact: 3.0 Milliohm max. Outer Contact: 2.0 Milliohm max. After Environmental: Center Contact: 4.0 Milliohm max. Outer Contact: NA.	** Not applicable to Part No.'s 5095 & 5095SF.
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: 6 pounds min. **Radial Torque: 4 inch-ounces min.	Temperature Range: -65°C to +165°C. Thermal Shock: Mil-Std-202, Method 107, Test Cond. A. Moisture Resistance: Mil-Std-202, Method 106, Insulation resistance at least 200 Megohms 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.	** Not applicable to Part No.'s 5095 & 5095SF.

FINISH(ES):

Body: (For SF & CCSF's): Passivate per ASTM A-967. (For BASIC & CC's): Gold plate per ASTM B-488, over nickel plate per SAE-AMS-QQ-290.	Center Conductor: Gold plate per ASTM B-488, over nickel plate per SAE-AMS-QQ-N-290.	APPLICABLE TENSOLITE DOCUMENTS	TOLERANCES AND NOTES EXCEPT AS NOTED DIMENSIONS ARE IN INCHES. LINEAR .XX ±.015 ANGULAR ± 1/2°	DRAWING NO. 5095	REV. C