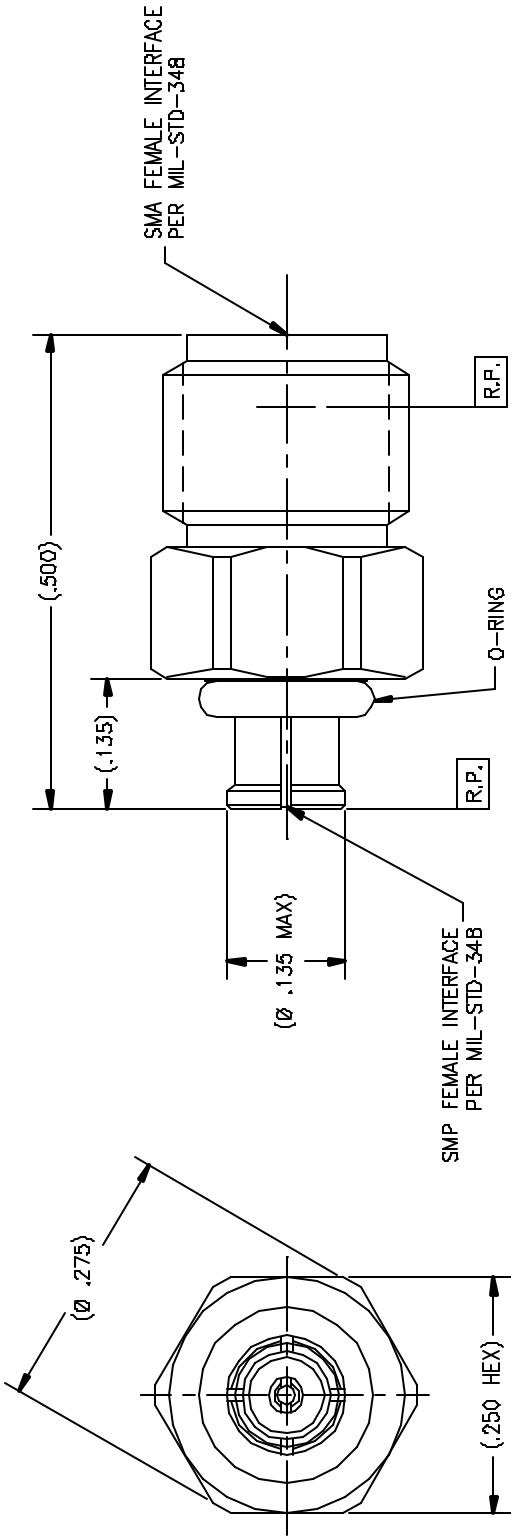


P/N		REV.		DATE		BY	
-1CCSF		A		05.22.00		IMG	
-1CC		B		08.11.00		DKN	
		C		04.11.06		DKN	



REV.	C
DATE	04.11.06
BY	DKN

MATERIAL:		ELECTRICAL:		MECHANICAL:		ENVIRONMENTAL:	
SMA Body: 303 sst per ASTM A-582, SMP Body: BeCu alloy per ASTM B-196, Center Conductor: BeCu alloy per ASTM B-196, Dielectric: PTFE per ASTM D-1710.		Impedance: 50 Ohms nominal. Frequency Range: DC to 18.0 GHz, VSWR: 1.15:1 max to 18 GHz, Insertion Loss: .15 dB max to 18 GHz, Working Voltage: 600 Vrms max @ sea level, Dielectric Withstanding Voltage: 500 Vrms min. R.F. HiPot Voltage: 325 Vrms min @ 5MHz. Corona Level: 190 Vrms @ 70,000 ft. Insulation Resistance: 5000 MegOhms min. R.F. Leakage: $-(90 - \text{fGHz})$. Contact Resistance: Center Contact: 4.0 Milliohm max. Outer Contact: 2.0 Milliohm max.		Mating Characteristics: Interface per Mil-Std-34B. Force To Engage & Disengage: Engage: 10 lbs max Disengage: 5 lbs min Center Contact Retention: Axial Force: 6 pounds min. Connector Durability: 100 cycles min @ 12 cycles/minute max. Permeability: Less than 2.0 mu.		Temperature Range: -65°C to $+165^{\circ}\text{C}$. 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.	

FINISH:		APPLICABLE TENSOLITE DOCUMENTS		TOLERANCES AND NOTES EXCEPT AS NOTED		TEST PART		DRAWING NO.		REV.	
SMA Body: (for -1CCSF) Passivated per ASTM A-967 SMA Body: (for -1CC) Gold plate per MIL-G-45204, over nickel under plate per AMS-QQ-N-290. SMP Body & Center Conductor: Gold plate per MIL-G-45204, over nickel under plate per AMS-QQ-N-290.		WORK STD	FRID. NET	ASSY NET	NA	TEST PART	DATE	SIZE	DESCRIPTION	REVISION	DATE
		NA	NA	NA	NA						
		NOTICE				TITLE		DRAWING NO.		REV.	
		THE DRAWING IS NOT TO BE USED FOR MANUFACTURE OF THIS PRODUCT WITHOUT THE WRITTEN APPROVAL OF TENSOLITE. ANY CHANGES TO THIS DRAWING MUST BE APPROVED BY TENSOLITE. ANY CHANGES TO THIS DRAWING MUST BE APPROVED BY TENSOLITE. ANY CHANGES TO THIS DRAWING MUST BE APPROVED BY TENSOLITE.				SMA FEMALE STRAIGHT TO SMA FEMALE ADAPTER		C 50990		P819	