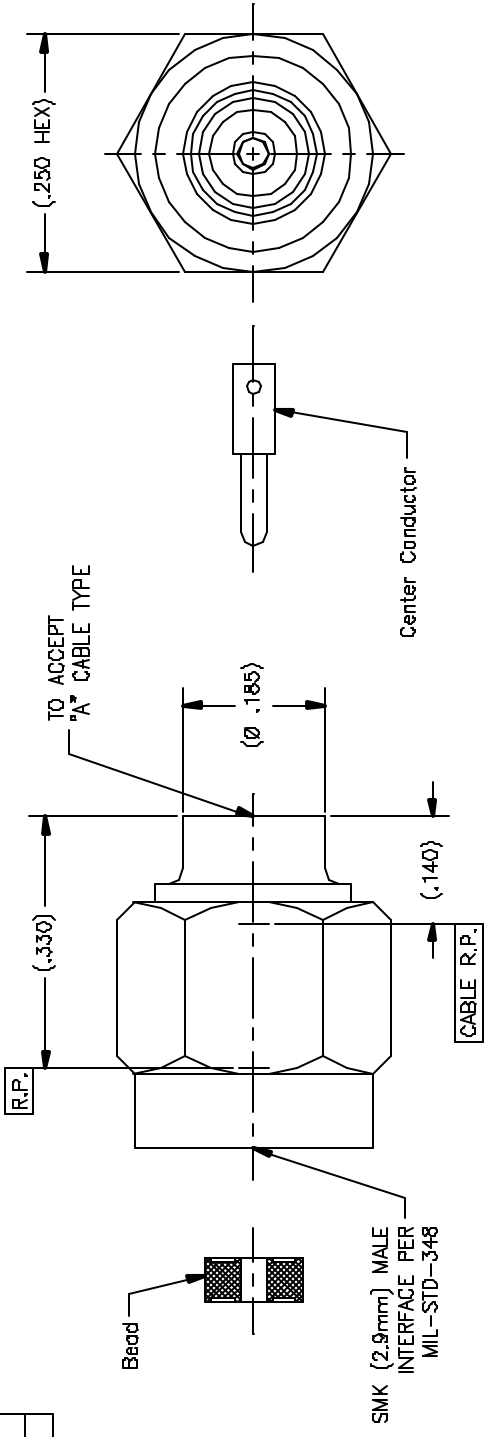


ZONE	REV.	DESCRIPTION	DATE	BY
-	A	ECC 19539	08.31.06	DKN

P/N	"A" CABLE TYPE
-1CC	Ø .141 SEMI-RIGID CABLE
-1CCSF	Ø .141 SEMI-RIGID CABLE
-2CC	Ø .085 SEMI-RIGID CABLE
-2CCSF	Ø .085 SEMI-RIGID CABLE
-3CC	Ø .141 LOW LOSS CABLE
-3CCSF	Ø .141 LOW LOSS CABLE
-4CC	Ø .116 LOW LOSS CABLE
-4CCSF	Ø .116 LOW LOSS CABLE



WORKING NO. 243

NOTE:
CENTER CONDUCTOR & BEAD TO BE PACKAGED AND SHIPPED UNASSEMBLED.

MATERIAL(S):	ELECTRICAL(S):	MECHANICAL(S):	ENVIRONMENTAL(S):
Body And Coupling Nut: 303 sst per ASTM A-582, Center Conductor: BeCu alloy per ASTM B-196, Retaining Ring: BeCu alloy per ASTM B-196 or ASTM B-197, Gasket: Silicone rubber per A-A-59588, Bead: (High Performance Application).	Impedance: 50 Ohms nominal. Frequency Range: DC to 40.0 GHz, VSWR: 1.3:1 Max to 40 GHz, Insertion Loss: .50 dB max to 40 GHz, Working Voltage: 500 Vrms max @ sea level, Dielectric Withstanding Voltage: 1500 Vrms min, R.F. HiPot Voltage: 1000 Vrms min @ 5MHZ, Corona Level: 375 Vrms @ 70,000 ft. Insulation Resistance: 5000 MegOhms min, R.F. Leakage: -(90 - fGHz). Contact Resistance: Initial: Center Contact: 3.0 Milliohm max, Outer Contact: 2.0 Milliohm max. After Environment: Center Contact: 4.0 Milliohm max, Outer Contact: NA.	Mating Characteristics: Interface per Mil-Std-348, Force To Engage & Disengage: Torque: 2 inch-pounds max. Longitudinal Force: NA, 500 cycles min @ 12 cycles/minute max. Permeability: Less than 2.0 mu. Coupling Proof Torque: 15 inch-pounds min, Coupling Mech. Retention: 60 pounds min,	Temperature 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 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. B. Shock: Mil-Std-202, Method 213, Test Cond. I.

FINISH(ES):	APPLICABLE TENSILE DOCUMENTS	TOLERANCES AND NOTES EXCEPT AS NOTED
Coupling Nut: (for CCSF's): Passivate per ASTM A-967, (for CC's): Gold plate per ASTM B-488, Body & Center Conductor: Gold plate per ASTM B-488, over nickel under plate per AMS-QQ-N-290.	WORK STD. FRIED. NISI ASSY. NET NA NA NA NA NOTICE THE BUYER AGREES TO ACCEPT THE MATERIALS AND SERVICES PROVIDED HEREIN AS SHOWN ON THE DRAWINGS AND TO BE RESPONSIBLE FOR ANY DEFECTS OR REWORK REQUIRED. THE BUYER SHALL BE RESPONSIBLE FOR ANY DEFECTS OR REWORK REQUIRED. THE BUYER SHALL BE RESPONSIBLE FOR ANY DEFECTS OR REWORK REQUIRED. THE BUYER SHALL BE RESPONSIBLE FOR ANY DEFECTS OR REWORK REQUIRED.	DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED TOLERANCES UNLESS OTHERWISE SPECIFIED: 1. HOLE DIMENSIONS: ± 1/2 2. HOLE DIMENSIONS: ± 1/2 3. HOLE DIMENSIONS: ± 1/2 4. HOLE DIMENSIONS: ± 1/2 5. HOLE DIMENSIONS: ± 1/2 6. HOLE DIMENSIONS: ± 1/2 7. HOLE DIMENSIONS: ± 1/2 8. HOLE DIMENSIONS: ± 1/2 9. HOLE DIMENSIONS: ± 1/2 10. HOLE DIMENSIONS: ± 1/2

TEST PART	GENERAL	SIZE	DESCRIPTION	REQUIREMENT
APPROVAL INITIALS	DATE	TITLE	SMK (2.92mm) MALE STRAIGHT TO SEMI-RIGID CABLE	
DESIGNED BY: DKN	08.12.02	SCALE	B:1	
CHECKED BY:		ENGINEERING	PKAO	09.01.08
DATE		SIZE	SCALE	WORKING NO.
		C	50990	243
				A