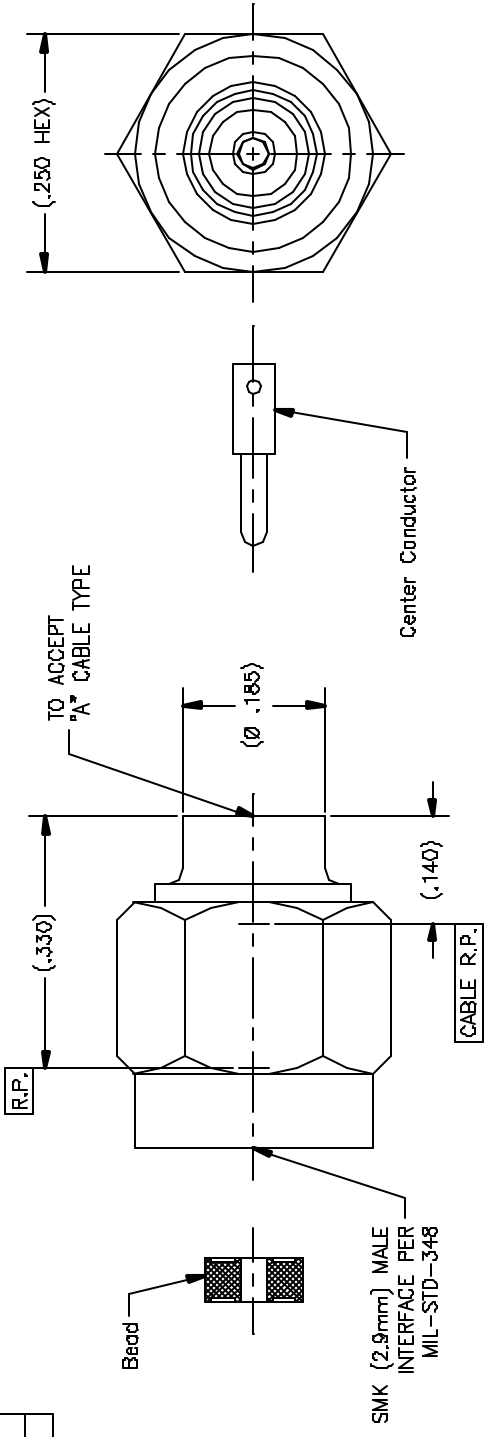


ZONE	REV.	DESCRIPTION	DATE	BY
-	A	ECC 19539	08.31.06	DKN

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):
<p>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).</p>	<p>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.</p>	<p>Mating Characteristics: Interface per Mil-Std-348, Force To Engage & Disengage: Torque: 2 inch-pounds max. Longitudinal Force: NA, Connector Durability: 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,</p>	<p>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,</p>

FINISH(ES):	APPLICABLE TENSILE DOCUMENTS	TOLERANCES AND NOTES EXCEPT AS NOTED																																														
<p>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.</p>	<table border="1"> <thead> <tr> <th>WORK STD</th> <th>FREQ. INST</th> <th>ASSY. NET</th> </tr> </thead> <tbody> <tr> <td>NA</td> <td>NA</td> <td>NA</td> </tr> </tbody> </table> <p>NOTICE THE PRIMARY DESIGN IS DEFINITIVE. ANY CHANGES TO THE DESIGN SHALL BE APPROVED BY THE DESIGN ENGINEER. THE MANUFACTURER SHALL BE RESPONSIBLE FOR THE PRODUCTION OF THE PARTS. THE MANUFACTURER SHALL BE RESPONSIBLE FOR THE PRODUCTION OF THE PARTS. THE MANUFACTURER SHALL BE RESPONSIBLE FOR THE PRODUCTION OF THE PARTS.</p>	WORK STD	FREQ. INST	ASSY. NET	NA	NA	NA	<table border="1"> <thead> <tr> <th>TEST PART</th> <th>GENERAL</th> <th>SIZE</th> <th>PRESCRIPTION</th> <th>REQUIREMENT</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>Tensolite HIGH PERFORMANCE CABLES & INTERCONNECT SYSTEMS Lago Beach, California 90015</p> <table border="1"> <thead> <tr> <th>APPROVAL</th> <th>DATE</th> <th>SCALE</th> <th>DR.</th> <th>DATE</th> <th>REV.</th> </tr> </thead> <tbody> <tr> <td>DESIGNED BY</td> <td>DKN</td> <td>08.12.02</td> <td></td> <td></td> <td></td> </tr> <tr> <td>ENGINEERED</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>CHECKED</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>APPROVED</td> <td>PKAO</td> <td>09.01.08</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>TITLE: SMK (2.92mm) MALE STRAIGHT TO SEMI-RIGID CABLE PART NO: C 50990 DRAWING NO: 243</p>	TEST PART	GENERAL	SIZE	PRESCRIPTION	REQUIREMENT						APPROVAL	DATE	SCALE	DR.	DATE	REV.	DESIGNED BY	DKN	08.12.02				ENGINEERED						CHECKED						APPROVED	PKAO	09.01.08			
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