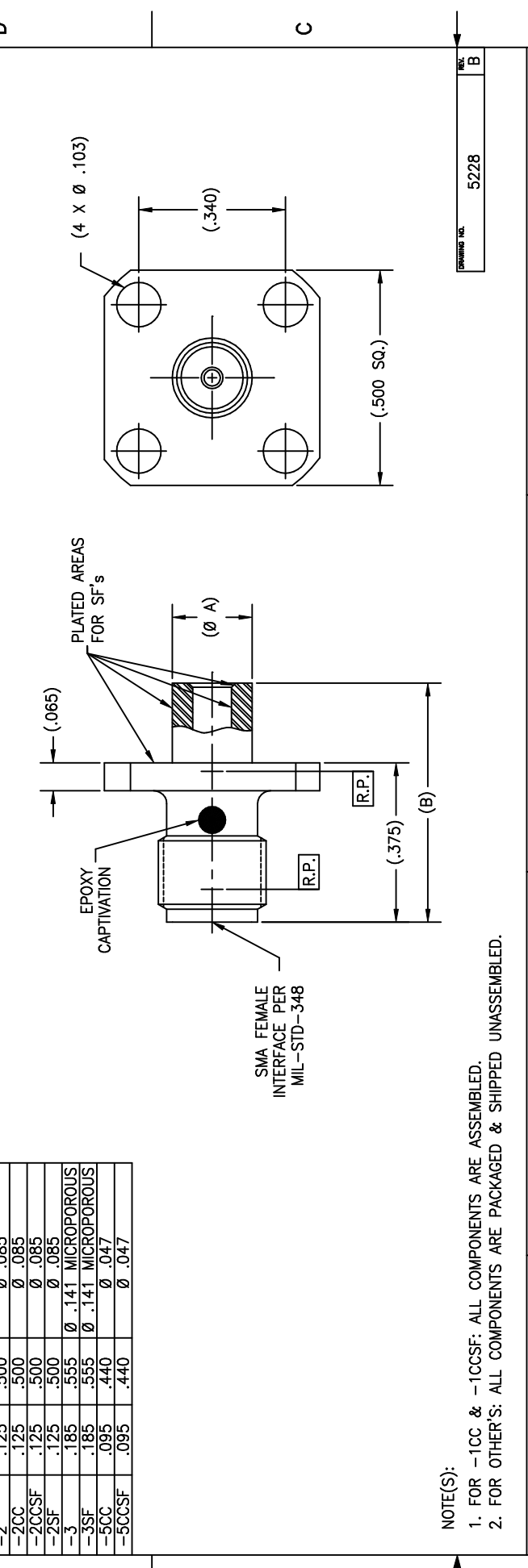


ZONE	REV	REVISIONS DESCRIPTION	DATE	BY
-	A	ECO 17390	09.01.04	JF
-	B	ECO 20183	04.24.07	DKN



P/N	(Ø A)	(B)	CABLE TYPE(S)
-1	.185	.555	Ø .141
-1CC	.185	.555	Ø .141
-1CCSF	.185	.555	Ø .141
-1SF	.185	.555	Ø .141
-2	.125	.500	Ø .085
-2CC	.125	.500	Ø .085
-2CCSF	.125	.500	Ø .085
-2SF	.125	.500	Ø .085
-3	.185	.555	Ø .141 MICROPOROUS
-3SF	.185	.555	Ø .141 MICROPOROUS
-5CC	.095	.440	Ø .047
-5CCSF	.095	.440	Ø .047

NOTE(S):

- FOR -1CC & -1CCSF: ALL COMPONENTS ARE ASSEMBLED.
- FOR OTHER'S: ALL COMPONENTS ARE PACKAGED & SHIPPED UNASSEMBLED.

MATERIAL:	ELECTRICAL:	MECHANICAL:	ENVIRONMENTAL:
Body: 303 sst per ASTM A-582. Center Conductor: BeCu alloy per ASTM B-196. Insulator: PTFE per ASTM D-1710. Dielectric Stop: (for -5CC & -5CCSF) Peek. Epoxy:(for -2CC, -2CCSF, -5CC & -5CCSF) Sigma VF type HV (Not supply).	Impedance: 50 Ohms nominal. Frequency Range: DC to 18.0 GHz. VSWR: 1.05 + .003 X f(GHz). Insertion Loss: .03 √f (GHz). Working Voltage: 335 Vrms max @ sea level. Dielectric Withstanding Voltage: 1000 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: -(60 - fGHz) - with epoxy -(90 - fGHz) - no epoxy Contact Resistance: Initial: Center Contact: 3.0 Milliohm max. After Environment: Outer Contact: 2.0 Milliohm max. Center Contact: 4.0 Milliohm max.	Mating Characteristics: Interface per Mil-Std-348. Force To Engage & Disengage: Torque: 2 inch-pounds max. Longitudinal Retention: 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. (one direction only for -1CC & -1CCSF) Radial Torque: 4 inch-ounces min. (except -1CC & -1CCSF)	ENVIRONMENTAL: Temperature Range: -65° to +165°. Thermal Shock: Mil-Std-202, Method 107, Test Cond. B. Moisture Resistance: Mil-Std-202, Method 106, No measurements at high humidity. Insulation resistance shall be 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
Body: (for SF's): Passivate per ASTM A-967, except areas noted. (for Basic & CC): Gold plate per ASTM B-488, over nickel under plate per AMS-QQ-N-290. Center Conductor: Gold plate per ASTM B-488, over nickel under plate per AMS-QQ-N-290.	WORK STD. NA PROD INST. NA ASSY INST. NA	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES. FRACTIONS SHALL BE IN 16ths. DECIMALS SHALL BE TO 2 PLACES. DIMENSIONS TO BE MET BEFORE PLATING. DIMENSIONS FOR PLATING SHALL BE TO 2 PLACES. DIMENSIONS FOR FINISH SHALL BE TO 2 PLACES. DIMENSIONS FOR TYPICAL SHALL BE TO 2 PLACES. DIMENSIONS FOR ALL OTHERS SHALL BE TO 2 PLACES.

APPROVAL	MATERIAL	SIZE	SPECIFICATION	PROCEDURE
APPROVAL BY: IMG	DATE: 03.13.02	TITLE: SMA FEMALE 4 HOLE FLANGE MOUNT TO SEMI-RIGID CABLE	HIGH PERFORMANCE CABLES & INTERCONNECT SYSTEMS Long Beach, California 90815	
CHECKED BY:	TEST ENG:	SOLE: S-1	SUB-DIRECTORY/VERSION: 01	SHEET 1 OF 1
DESIGN ENG: ATY	DATE: 04.24.07	SIZE: C	CODE: 30990	DRAWING NO.: 5228
MFG ENG:				