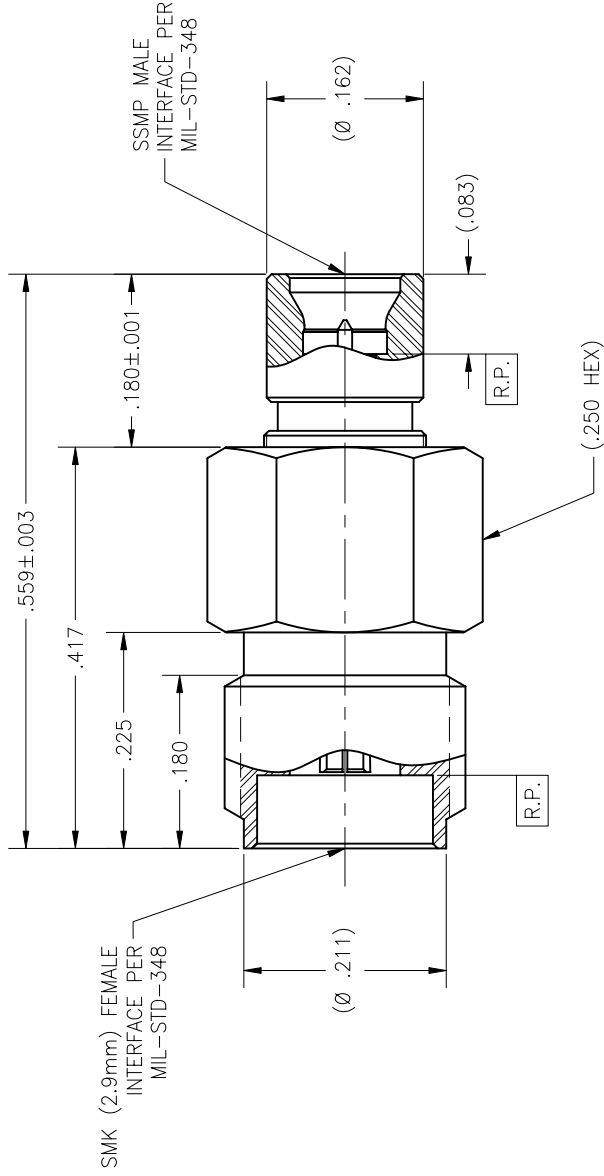


P/N	INTERFACE(S)
-1CCSF	DETENT
-2CCSF	SMOOTH BORE

REVISIONS			
ZONE	REV	DESCRIPTION	DATE
-	D	ECO 12466	11.01.00
-	E	ECO 13237	04.24.01
-	F	ECO 20376	07.10.07



MATERIAL:

Body & Insert:
303 sst per ASTM A-582.
Center Conductor:
BeCu alloy per ASTM B-196.
Dielectric:
PTFE per ASTM D-1710.
Bead:
Polymethylpentene (PMP).

ELECTRICAL:

Impedance: 50 Ohms Nom.
Freq. Range: DC TO 40 GHz.
VSWR: 1.50:1 max to 40 GHz.
Insertion Loss: .50 dB max to 40 GHz.
Working Voltage: 325 Vrms @ Sea Level
Dielectric Withstand Voltage: 500 V rms
RF HiPot Voltage: 250 Vrms Min @ 5MHz
Corona Level: 125 Vrms @ 70,000 ft
Insulation Resistance: 5000 Mohms
RF Leakage: -(90 - f GHz) dB
Contact Resistance:
Center Conductor: 4.0 Milliohms Max

MECHANICAL:

Interface Dimensions:
MIL-STD-348
Connector Durability:
500 Cycles
Center Contact Retention:
1.5 lbs Min Axial
N/A Radial
Force to Engage and Disengage:
Detent:
3.5 lbs Engage
5.0 lbs Disengage
Non-Detent:
1.5 lbs Engage
1.5 lbs Disengage

ENVIRONMENTAL:

Temp. Range: -65°C to +125°C
Thermal Shock:
MIL-STD-202, Method 107, Test Cond. B
Moisture Resistance:
MIL-STD-202, Method 106. Insulation resistance at least 200 MegaOhms 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:

Body & Insert:
Passivate per ASTM A-967.
Center Conductor:
Gold plate per ASTM B-488, over nickel under plate per AMS-QQ-N-290.

APPLICABLE TENSILE DOCUMENTS			
WORK STD	PROD INST	ASST INST	
NA	NA	NA	

NOTICE

THIS DRAWING ENGAGES THE DRAWING COMPANY, LONG BEACH, CALIFORNIA 90815, IN A PROPRIETARY DESIGN ORIGINATED BY TENSOLITE COMPANY AND ALL DESIGN, MANUFACTURING AND TESTING INFORMATION HEREON IS THE PROPERTY OF TENSOLITE COMPANY. IT IS SUBMITTED UNDER A CONFIDENTIAL RELATIONSHIP FOR A SPECIFIC PURPOSE AND THE RECIPIENT AGREES TO MAINTAIN THE INFORMATION AS CONFIDENTIAL AND TO OBTAIN THE NECESSARY INFORMATION REGARDING IT TO ANY UNAUTHORIZED PERSON. TO THE EXTENT OF ANY PATENT RIGHTS HEREIN, THE RECIPIENT AGREES TO THIS DESIGN. ALL PATENT RIGHTS HERETO ARE EXPRESSLY RESERVED BY TENSOLITE COMPANY, LONG BEACH, CALIFORNIA 90815.

TOLERANCES AND NOTES		SEE NOTE(S)		SEE NOTE(S)	
DIMENSIONS ARE IN INCHES.		MATERIAL		SIZE	
UNLESS OTHERWISE SPECIFIED	FRACTION ± 1/32	APPROVAL INITIALS	DATE	SPECIFICATION	
1. MACHINE FINISH: $\sqrt{}$ RMS		DRAWN BY	02.03.99	HIGH PERFORMANCE CABLES & INTERCONNECT SYSTEMS	
2. BREAK ALL SHARP EDGES .003 MAX.		CHECKED BY		Long Beach, California 90815	
3. MACHINED FILETS .005 MAX.		TEST ENGR		TITLE	
4. MACHINED SURFACES SQUARE TO RESPECTIVE DIMENSIONS UNLESS OTHERWISE SPECIFIED		QUALITY		SSMP MALE STRAIGHT TO SMK FEMALE ADAPTER	
5. MACHINED DIAMETERS CONCENTRIC WITHIN .003 I.R.		DESIGN ENGR	07.10.07	SCALE	
6. DIMENSIONS TO BE MET BEFORE PLATING.		MFG ENGR		NONE	
7. CHAMFER ALL THREADS 45°.				SUB-DIRECTORY/NAME	
8. DIMENSIONS TO BE MET AFTER PLATING.				OLPXX\OLP126	
9. REMOVE FRAISED EDGES ON TETON.				SHEET 1 OF 1	
10. REMOVE ALL BURRS.				DRAWING NO.	
				C 30990	
				P126	
				REV F	

DRAWING NO. P126 REV. F