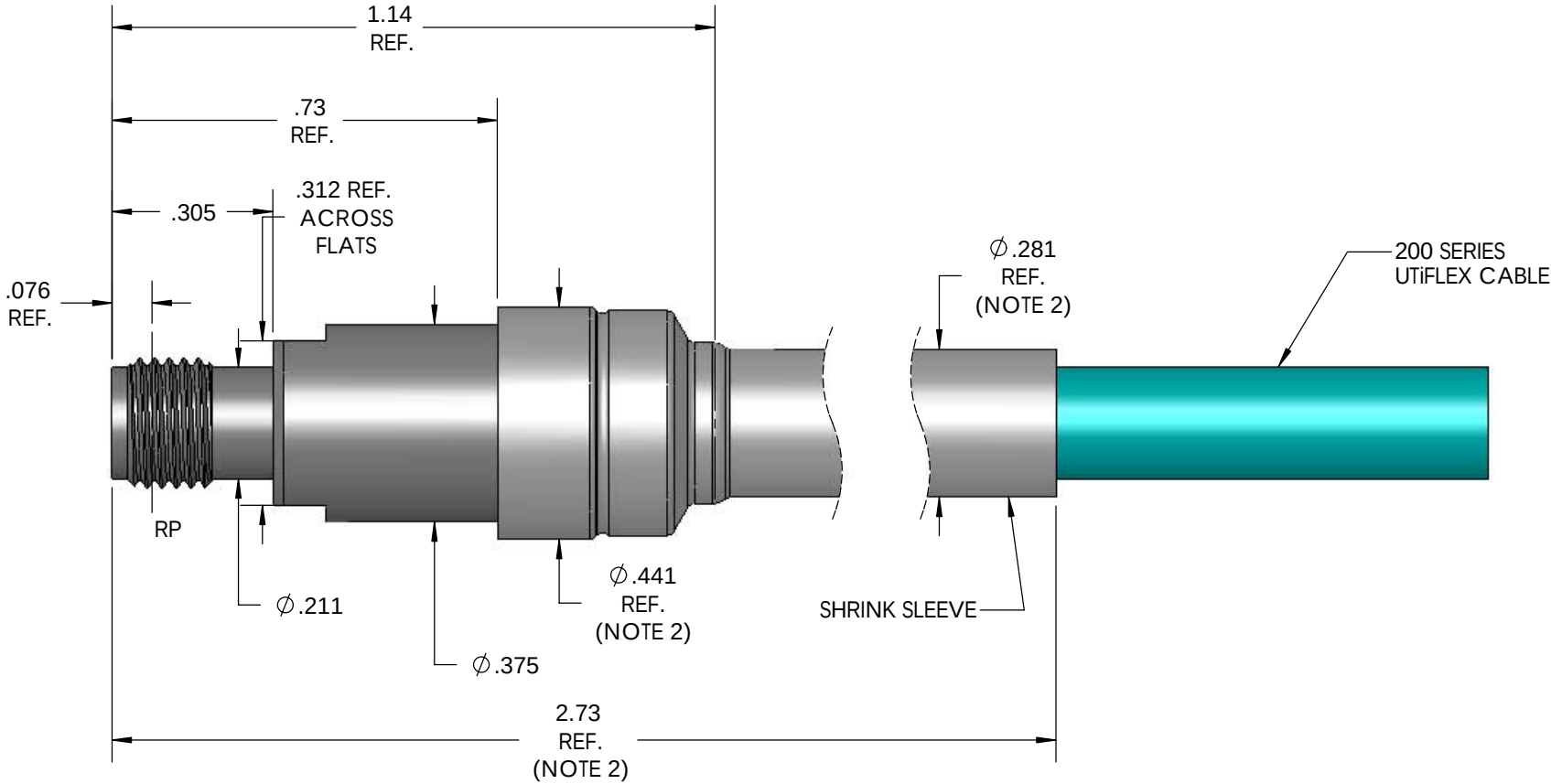
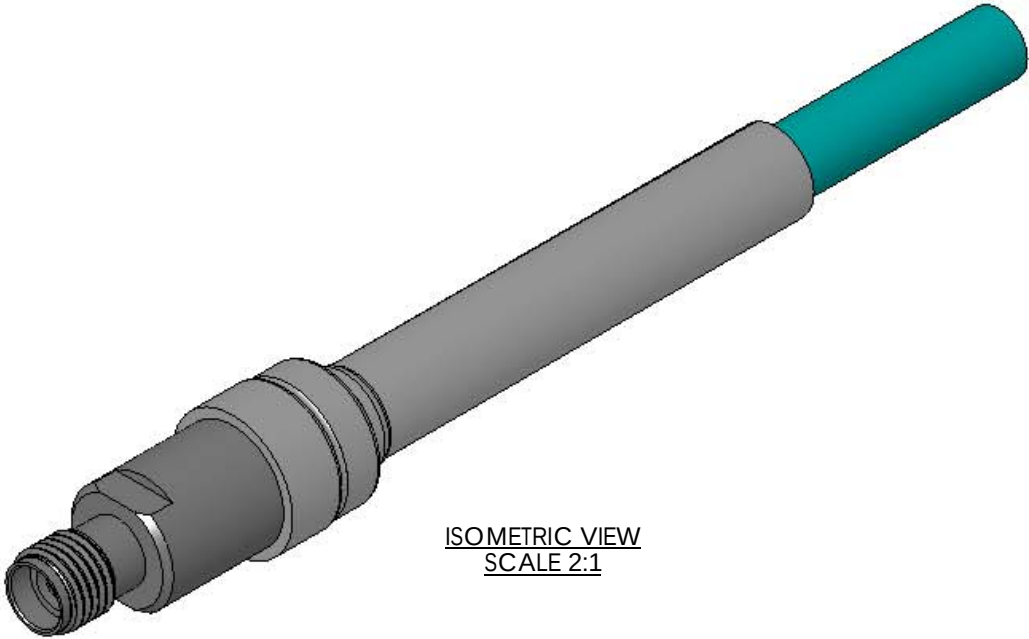


MECHANICAL CHARACTERISTICS	
INTERFACE	IEC 169-23, GPC (NOTE1)
RECOMMENDED MATING TORQUE	9 IN-LBS. NOM.
FORCETO ENGAGE	2 IN-LBS. MAX.
FORCETO DISENGAGE	2 IN-LBS. MAX.
DURABILITY	500 CYCLES MIN.
AXIAL CONTACT RETENTION (FROM INTERFACE)	6 LBS. MAX.
AXIAL CONTACT RETENTION (FROM CABLE)	6 LBS. MAX.
CABLERETENTION	15 LBS. MIN.
MASS	8.34 GRAMS NOM.
ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ohms. NOM.
MAXIMUM FREQUENCY	26.5 GHz
VSWR DC - 18 GHz	1.16:1MAX.
18 GHz - 26.5 GHz	1.20:1MAX.
INSERTION LOSS	0.03 √F (GHz) db MAX.
DIELECTRIC WITHSTANDING VOLTAGE	1500 VrmsMIN.
INSULATION RESISTANCE	5000 MegaOhmsMIN.
RF LEAKAGE DC - 26.5 GHz	-90 dB
CORONA (70,000 FT.)	375 Vrms. MIN. @ 70,000 FEET
RF HIGH POTENTIAL	1000 Vrms. MIN.
CONTACT RESISTANCE (INNER)	3.0 MilliOhmsMAX.
CONTACT RESISTANCE (OUTER)	3.0 MilliOhmsMAX.
ENVIRONMENTAL CHARACTERISTICS	
OPERATING TEMPERATURE	-65°C TO +150°C
VIBRATION	MIL-STD-202, METHOD 204, CONDITION D, 20Gs
MECHANICAL SHOCK	MIL-STD-202, METHOD 213, CONDITION I, 10Gs
THERMAL SHOCK	MIL-STD-202, METHOD 107, CONDITION B
MOISTURE RESISTANCE	MIL-STD-202, METHOD 106, CONDITION (NO VIBRATION)
CORROSION	MIL-STD-202, METHOD 101, CONDITION B, 5%
MATERIAL AND FINISH	
CONTACT	BERYLLIUM COPPER, UNS NO. C17300, PER ASTM-B-196 GOLD PLATE PER MIL-G-45204, 50 MICROINCH MIN., OVER NICKEL PLATE PER QQ-N-290, 50 MICROINCHES THK. MIN.
DIELECTRIC BEAD	POLYETHERIMIDE THERMOPLASTIC UNREINFORCED (ULTEM 1000) PER ASTM-D-5205.
BODY, SLEEVE & CLAMP NUT	STEEL, CORROSION RESISTANT, CONDITION A, NON-MAGNETIC PER ASTM-A-582, UNS NO. S30300, PASSIVATE PER ASTM-A-967.
CONTACT RING	BRASS, PER ASTM-B-16 GOLD PLATE PER MIL-G-45204, 50 MICROINCH MIN., OVER NICKEL PLATE PER QQ-N-290, 50 MICROINCHES THK. MIN.
APPLICATION	
CABLE(S)	210 SERIES CABLE
INSTALLATION	PER CONFIGURATOR



NOTE(S):

- CONTACT POSITION AND CRITICAL MATING DIAMETERS ARE IN COMPLIANCE WITH IEC 169-23. CONTACT FACTORY FOR OTHER DIMENSIONS OF CONCERN.
- MARKER LOCATION ON THIS DRAWING IS FOR REFERENCE ONLY AND IS SUBJECT TO CHANGE WITHOUT NOTICE.

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	DWN.	SRS	07/28/04							
	CHKD.									
	APPVD.									
TOLERANCES UNLESS OTHERWISE SPECIFIED		TITLE								
		3.5MM JACK, 210A SERIES CABLE								
.XX	± .02	ALL DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED. SCREW THDS. TO BE IN ACCORD WITH ANSI B1.1-1989.		FSCM NO. 64639	SIZE B	SCALE 3:1	SHEET NO. 1 OF 1	DRAWING NO. SD903384	REV 1	
.XXX	± .005									
.XXXX	± .0010									
ANGLES	± 2°									

SPECIFICATION DRAWING