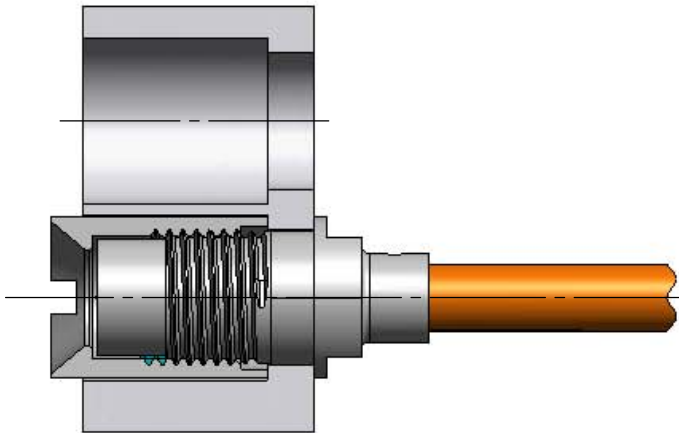


MECHANICAL CHARACTERISTICS	
INTERFACE	PER CUSTOMER DRAWING
IN ACCORDANCE WITH THE INTENT OF SLANT SHEET	N/A
FORCE TO ENGAGE	2.0 LBS. MAX. (SMOOTH BORE)
FORCE TO DISENGAGE	0.5 LBS. MIN. (SMOOTH BORE)
DURABILITY	1000 CYCLES MIN.
CENTER CONTACT CAPTIVATION	1.5 LBS. MIN. (BOTH DIRECTIONS)
FIRST ON PREVAILING TORQUE	1.356 N•m (12 lb•in)
FIRST REMOVAL PREVAILING TORQUE	0.2825 N•m (2.5 lb•in)
FIFTH REMOVAL PREVAILING TORQUE	0.1695 N•m (1.5 lb•in)
CABLE RETENTION	30 LBS MIN.
MASS	MASS = 1.25 GRAMS NOM.
ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ohms NOM.
MAXIMUM FREQUENCY	18.0 GHz
VSWR DC - 12.0 GHz	1.12:1 MAX.
12.0 - 18.0 GHz	1.22:1 MAX.
INSERTION LOSS	0.08 √F (GHz)dB MAX.
DIELECTRIC WITHSTANDING VOLTAGE	500 Vrms MIN. @ SEA LEVEL
INSULATION RESISTANCE	5000 MegaOhms MIN.
RF LEAKAGE DC - 3 GHz	-80 dB MIN.
3 - 18 GHz	-65 dB MIN.
CORONA	190 Vrms MIN. @ 70,000 FEET
RF HIGH POTENTIAL	325 Vrms MIN.
CONTACT RESISTANCE (INNER)	6.0 MilliOhms MAX.
CONTACT RESISTANCE (OUTER)	2.0 MilliOhms MAX.
ENVIRONMENTAL CHARACTERISTICS	
OPERATING TEMPERATURE	-56 °C TO 121 °C
VIBRATION	MIL-STD-202, METHOD 204, CONDITION D
MECHANICAL SHOCK	MIL-STD-202, METHOD 213, CONDITION I
THERMAL SHOCK	MIL-STD-202, METHOD 107, CONDITION B
MOISTURE RESISTANCE	N/A
CORROSION	MIL-STD-202, METHOD 101, CONDITION B, 5%
MATERIALS AND FINISH	
BODY,	STEEL, CORROSION RESISTANT, ASTM-A-582 UNS NO. S30300, GOLD PLATE PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290
CONTACT	BERYLLIUM COPPER, PER ASTM-B-196, GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290
SHROUD	STEEL, CORROSION RESISTANT, PER ASTM-A-582, UNS NO. S30300, PASSIVATED PER ASTM-A-967
INSULATOR	POLYPHENYLENE SULFIDE (PPS), PER ASTM-D-6358
DIELECTRIC BEAD	POLYETHERIMIDE THERMOPLASTIC, PER ASTM-D-5205
LOCKING PATCH (IF APPLICABLE)	PER IFI-524 (NOTE 3)
APPLICATION	
CABLE(S)	UT-85 SEMI-RIGID CABLE
INSTALLATION	PER CONFIGURATOR
904601-2	SHROUD WITH LOCKING PATCH
904601	SHROUD WITHOUT LOCKING PATCH

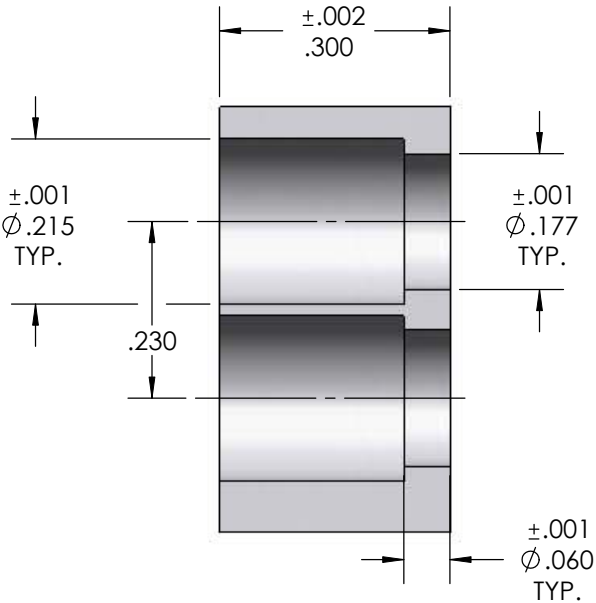
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NOTE:

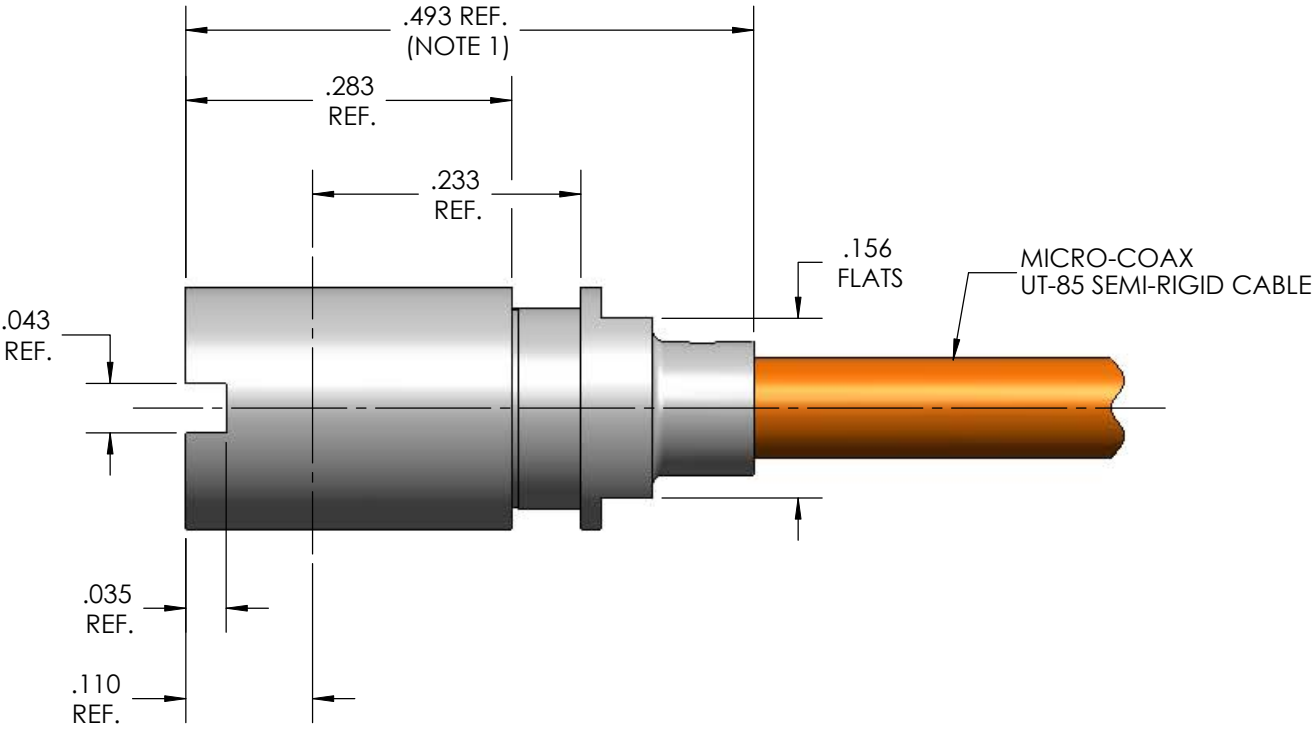
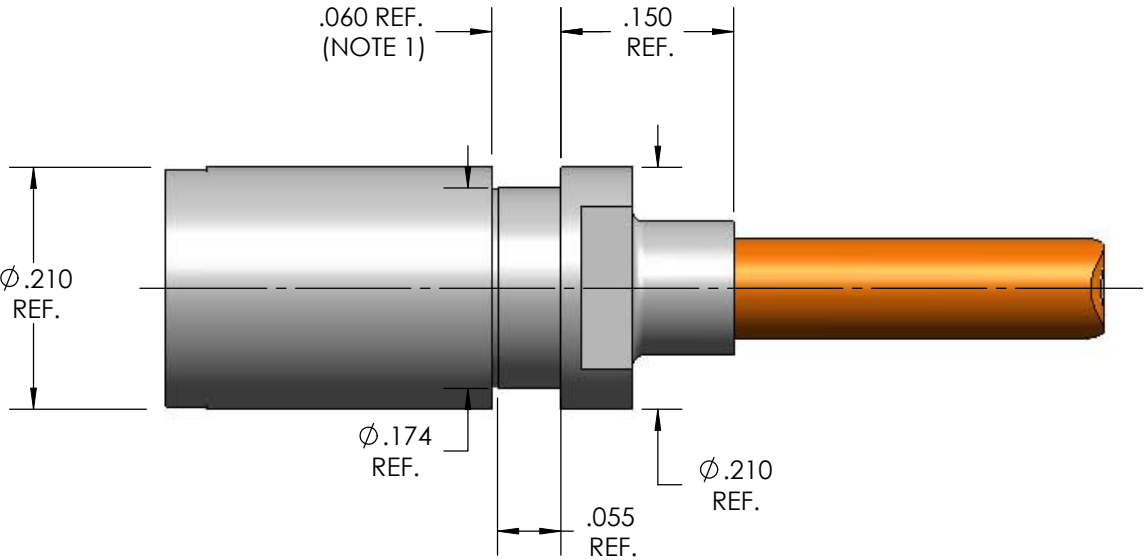
1. INDICATED DIMENSIONS APPLY WITH REQUIRED PANEL THICKNESS.
2. MAX. TEMP IS LIMITED BY LOCKING PATCH.
3. WITH EXCEPTIONS AS NOTED ON SHROUD DRAWING



INSTALLED CUT AWAY VIEW



REQUIRED PANEL DIMENSIONS



RP

SPECIFICATION DRAWING

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		DWN.	JMK	7/12/06										
		CHKD.	MJM	5/2/11										
		APPVD.												
TOLERANCES UNLESS OTHERWISE SPECIFIED		TITLE								SMP BULKHEAD PLUG, CATCHERS MITT, UT-85				
.XX	± .02	ALL DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED. SCREW THDS. TO BE IN ACCORD WITH ANSI B1.1-1989.				FSCM NO.	SIZE	SCALE	SHEET NO.	DRAWING NO.	REV			
.XXX	± .005					64639	B	6:1	1 OF 1	SD904601	E			
.XXXX	± .0010													
ANGLES	± 2°													