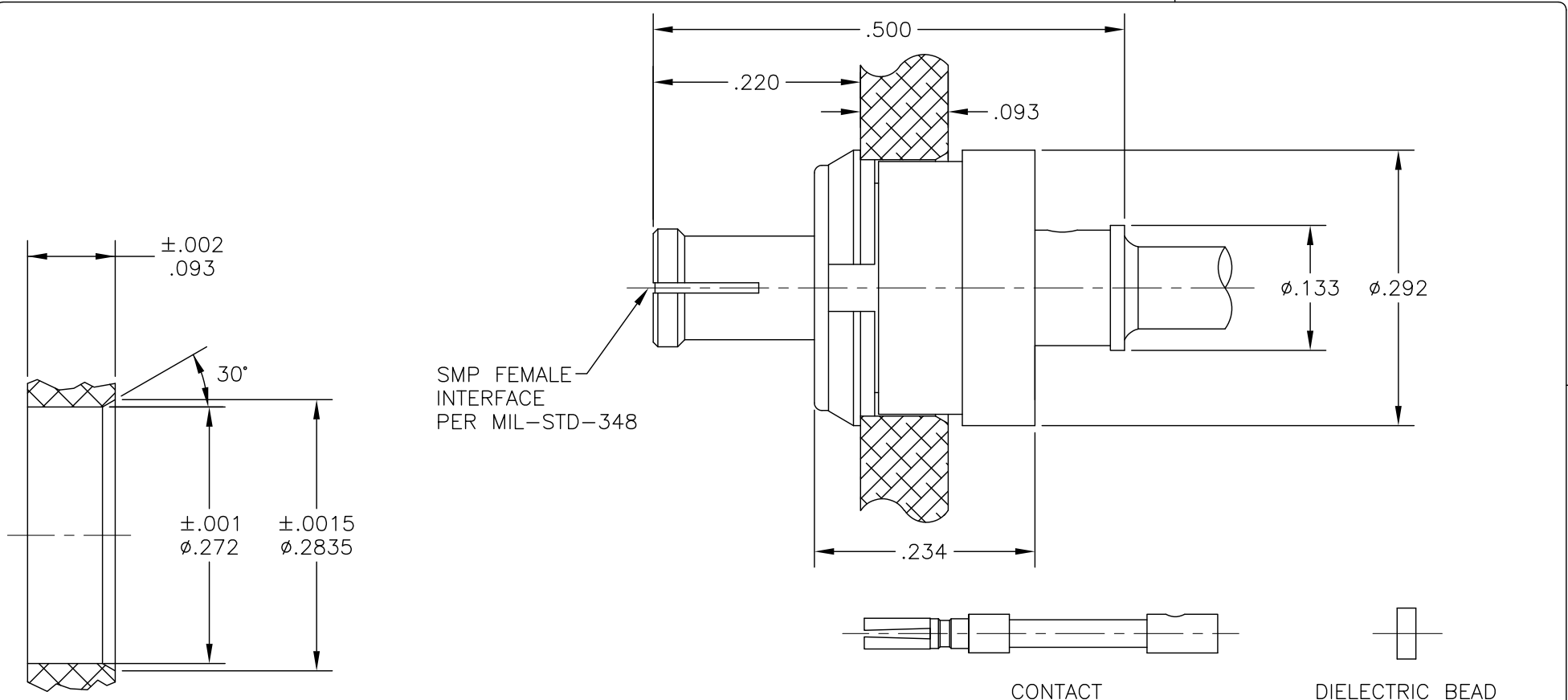


OUTLINE DRAWING




OPERATING FREQUENCY	DC TO 40 GHz
VSWR	1.15:1 MAX DC TO 18 GHz
	1.30:1 MAX 18 TO 26.5 GHz
	1.60:1 MAX 26.5 TO 40 GHz
INSERTION LOSS	0.10 \sqrt{f} (GHz)
RF HIGH POT	325 Vrms MIN @ 5 MHz

INSULATION RESISTANCE	5,000 MEGOHMS MINIMUM
DWV	500 Vrms
CENTER/OUTER CONTACT RESISTANCE	6.0/2.0 mOHMS
IMPEDANCE	50 OHMS NOMINAL
OPERATING TEMPERATURE	-65°C TO +165°C
NON-OPERATING TEMPERATURE	-65°C TO +165°C

FORCE TO ENGAGE	2.0 LBS MAXIMUM IN SMOOTH BORE INTERFACE
FORCE TO DISENGAGE	0.5 LBS MINIMUM IN SMOOTH BORE INTERFACE
DURABILITY	1,000 CYCLES MINIMUM IN SMOOTH BORE INTERFACE
VIBRATION	MIL-STD-202, METHOD 204, CONDITION C, 10 G's
SHOCK	MIL-STD-202, METHOD 213, CONDITION I, 100 G's
THERMAL SHOCK	MIL-STD-202, METHOD 107, CONDITION B-3

COMPONENT	MATERIAL AND FINISH	
BODY, CABLE ADAPTER, CONTACT, SNAP RING	BeCu, ASTM B196, UNS C17300	GOLD PLATE, MIL-G-45204, TYPE 1, GRADE C, CLASS 1
INSULATOR	PTFE, ASTM D1710, TYPE I, GRADE 1, CLASS A	
FLOAT MOUNT BODY, BUSHING	303 CRES, ASTM A582	PASSIVATE, AMS-QQ-P-35
CABLE STOP	ULTEM, ASTM D5205	
WASHER	300 SERIES CRES	PASSIVATE, AMS-QQ-P-35
SPRING	MUSIC WIRE	NICKEL PLATE, QQ-N-290



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CAGE CODE
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ASSY PROCEDURES: MMAP-5832

INSERTION/EXTRACTION TOOL: MMTL-7530

SHEET 1 OF 1

11-14-17 RF EB

PART NO.
MMSP-5757

REVISION
C

OUTLINE DRAWING