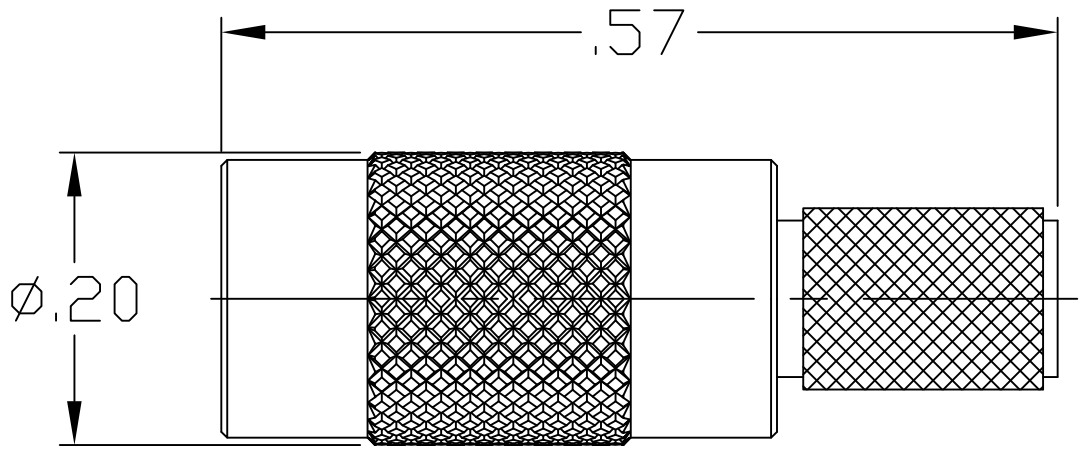
SPECIFICATION CONTROL DRAWING



CONFIDENTIAL

1. MATING INTERFACE DIMENSIONS PER MIL-STD 348a-328.3 (SMPM, PLUG, SMOOTH BORE)

2. ELECTRICAL

FREQUENCY RANGE	DC TO 50.0 GHz.
VSWR:	
DC TO 30 GHz.	1.50:1
30 TO 50 GHz.	1.65:1
POWER HANDELING	1/2 WATT AVG.
TEMPERATURE RATING	-55°c TO +125°c

3. MATERIAL

BODY	STAINLESS STEEL PER ASTM A 582, TYPE 303, COND. A.
CONTACT	BERYLLIUM COPPER PER ASTM B 196
DIELECTRIC	TEFLON PER ASTM D 1710-02, TYPE 1, GRADE 1, CLASSB.

4. FINISH

BODY	PASSIVATE PER AMS 2700, TYPE 2, CLASS 4.
CONTACT	GOLD PER ASTM-B-488
DIELECTRIC	N/A

RoHS COMPLIANT

REV.	DCN NO.	DATE	APP.
AA	10-1580	6/22/10	TS
BA	16-2060	8/31/16	DC

DIMENSIONS ARE IN INCHES
TOLERANCES

DECIMALS	FRACTIONAL	ANGULAR
.X ± .030 .XX ± .010 .XXX ± .005	± 1/64	X° ± 1°0' X° X ± 15'

SURFACE ROUGHNESS 63 √ MIL-STD 10.

dynawave INCORPORATED
HAVERHILL, MA 01835

DRAWN: TS DATE: 6/22/10

APPROVED: DC DATE: 6/22/10

TITLE: SMPM MALE TERMINATION (SMOOTH BORE)

CODE IDENT. 2J899

SHEET 1 of 1

DWG. NO. 5400-3109-6200