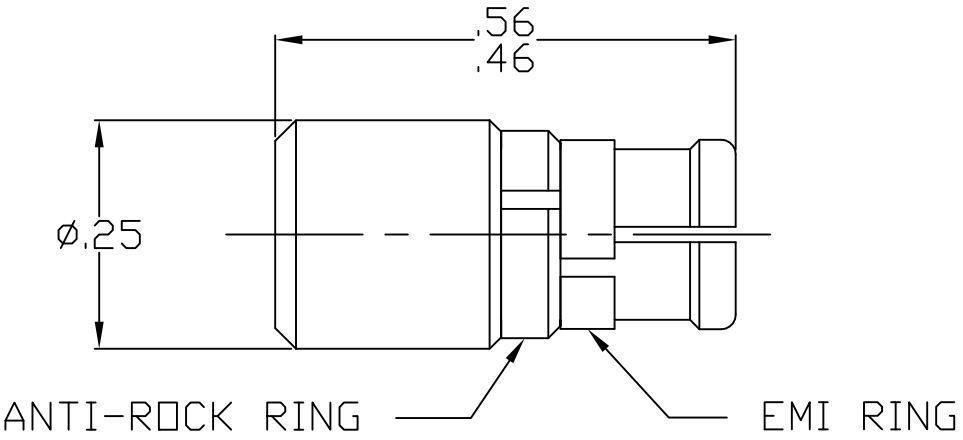
SPECIFICATION CONTROL DRAWING



1. MATING INTERFACE DIMENSIONS PER MIL-STD-348A, Fig. 326.1A (SMP, JACK)

2. ELECTRICAL

IMPEDANCE	50 OHMS +/- 1.0 OHMS
FREQUENCY RANGE GHz	DC TO 18.0 GHz.
VSWR	1.30:1 MAX.
POWER HANDELING	0.5 WATT AVG. @ 25°C, DERATING LINEARLY TO 0 WATTS @ +125°C
TEMPERATURE RATING (STORAGE)	-65° c TO +125° c

3. MATERIAL

CONNECTOR BODY, CENTER CONTACT, EMI RING AND ANTI-ROCK RING	BERYLLIUM COPPER PER ASTM B196/B, 196M-03, COPPER ALLOY No. UNS C17300, TEMPER TD04.
DIELECTRIC	TEFLON PER ASTM D-1710-02, TYPE 1, GRADE 1, CLASS B.

4. FINISH

CONNECTOR BODY, CENTER CONTACT, EMI RING AND ANTI-ROCK RING	GOLD PER ASTM B 488, TYPE 1, CODE C, CLASS 1.25 (.000050 - .000100 THK.) OVER NICKEL PER SAE-AMS-QQ-N-290, CLASS 1 (.000100 MIN. THK.) OVER COPPER PER AMS-2418 (.000040 MIN. THK.).
DIELECTRIC	N/A

RoHS COMPLIANT

CONFIDENTIAL

This Document contains proprietary and confidential information.

REV.	DCN NO.	DATE	APP.
AA	07-2008	10/12/07	DC
AB	08-1061	1/16/08	DC
AC	14-1817	7/10/14	TS

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.

DRAWN DC DATE 10/12/07

APPROVED DC DATE 10/12/07

CODE IDENT. 2J899

SHEET 1 of 1

dynawave INCORPORATED
HAVERHILL, MA. 01835

TITLE
SMP, JACK TERMINATION

DWG. NO. 5400-2005-5400