

PRODUCT DATA DRAWING

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
-	NRN 44886	06/20	BNK
A	DCN 51642	05/22	ELA

MATERIALS:

BODIES, CONTACTS & EMI / ANTI-ROCK RING:	BERYLLIUM COPPER PER ASTM B196, ALLOY No. UNS C17300, TD04.
INSULATORS:	PTFE PER ASTM D1710, TYPE I, GRADE 1, CLASS B
SLEEVE:	STAINLESS STEEL PER AMS-5640, ALLOY UNS S30300, TYPE 1; OR ASTM A582 TYPE 303, COND. A
SPRING:	STAINLESS STEEL PER AMS-5678, ALLOY S17700.

FINISHES:

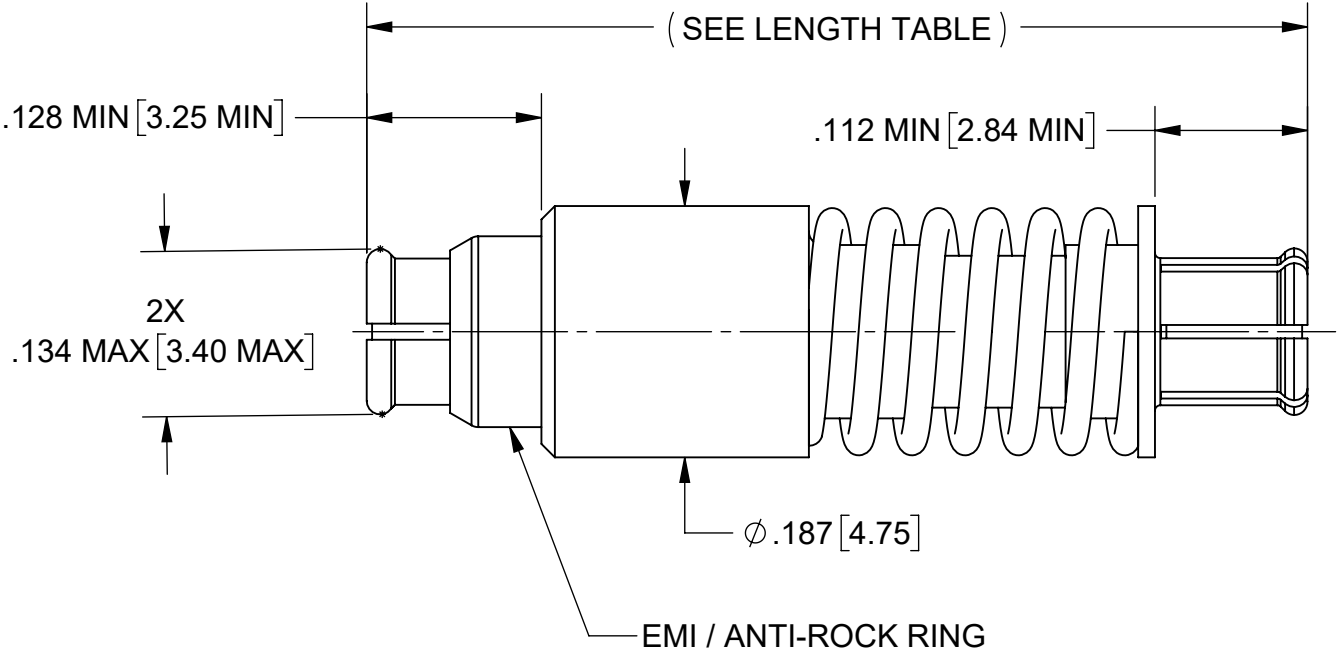
BODIES, CONTACTS, EMI / ANTI-ROCK RING & SLEEVE:	GOLD PER ASTM B488, TYPE II, CODE C, CLASS .76, OVER NICKEL PER AMS-QQ-N-290, CLASS 1, .00005" MIN.
SPRING:	PASSIVATED PER AMS 2700.

ELECTRICAL SPECIFICATIONS:

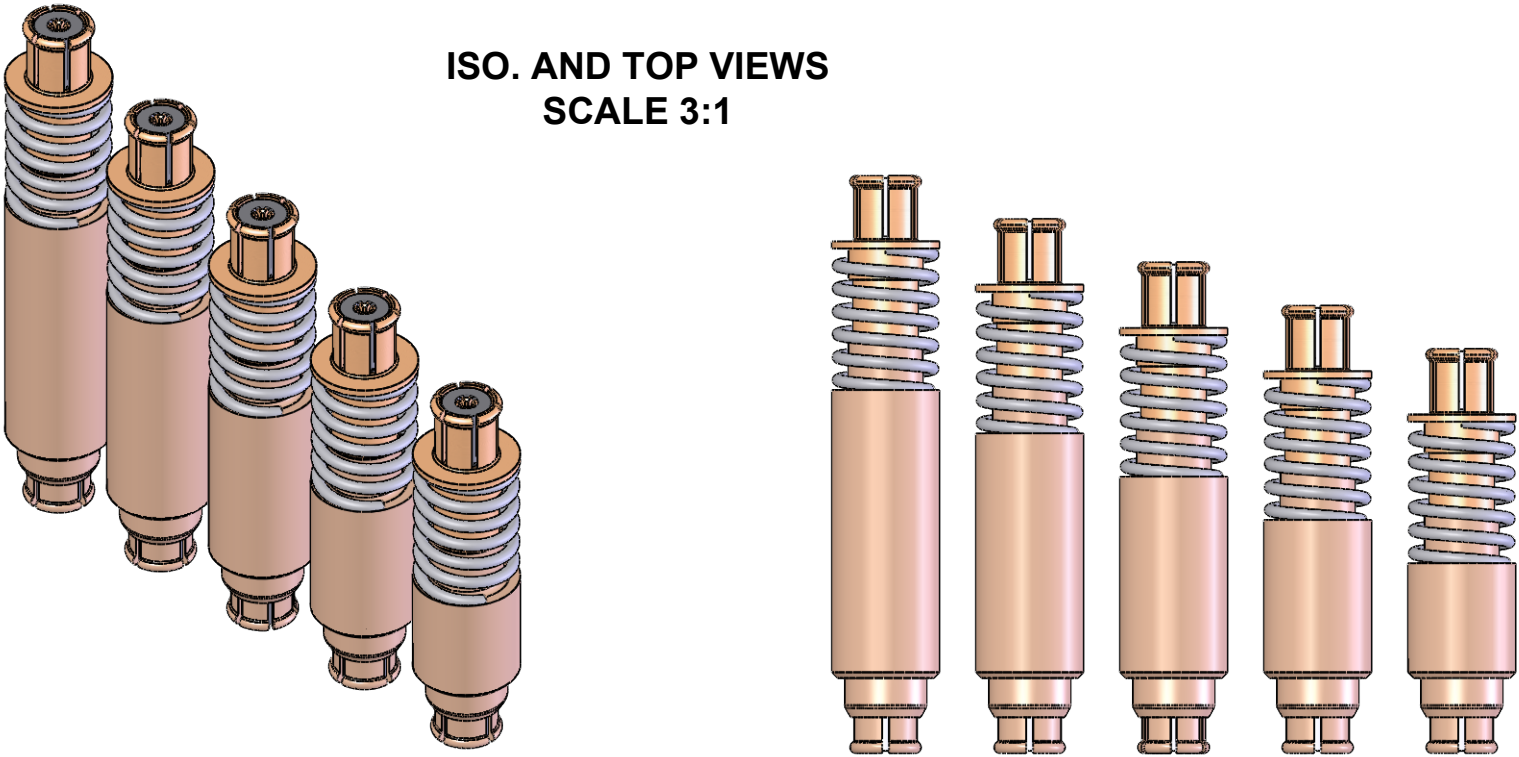
IMPEDANCE:	50 OHMS
FREQ. RANGE:	DC TO 40.0 GHz.

MECHANICAL SPECIFCIATIONS:


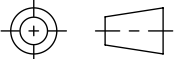
SPRING FORCE:	4.0 LBS MAXIMUM AT FULL DEFLECTION, 2.0 LBS MINIMUM PRELOAD.
ENGAGE FORCE:	
FULL DETENT:	13.5 LBS MAXIMUM (6.0 LBS TYP.)
SMOOTH BORE:	2.5 LBS MAXIMUM (1.85 LBS TYP.)
DISENGAGE FORCE:	
FULL DETENT:	5.0 LBS MINIMUM (7.5 LBS TYP.)
SMOOTH BORE:	7.5 OZ MINIMUM (8.5 OZ TYP.)



ISO. AND TOP VIEWS
SCALE 3:1



LENGTH TABLE			
SV PART NUMBER	LENGTHS		
	COMPRESSED	NOMINAL	UNCOMPRESSED
1112-4144	0.600	0.650	0.700
1112-4145	0.675	0.725	0.775
1112-4146	0.750	0.800	0.850
1112-4147	0.825	0.875	0.925
1112-4148	0.900	0.950	1.000

MATERIAL:	SEE NOTES	DIMENSIONS ARE IN INCHES TOLERANCES:	UNLESS OTHERWISE SPECIFIED	 www.svmicrowave.com	
FINISH:	SEE NOTES	FRACTIONAL: ±1/64 ANGULAR: X° ±1°0' X°X' ±15'	1) ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) 2) ALL DIMENSIONS ARE AFTER PLATING. 3) BREAK CORNERS & EDGES .005 R. MAX. 4) CHAM. 1ST & LAST THREADS. 5) SURFACE ROUGHNESS 63-MIL-STD-10. 6) DIA.'S ON COMMON CENTERS TO BE CONCENTRIC WITHIN .005 T.I.R. 7) REMOVE ALL BURRS		
SURFACE AREA:	N/A	DECIMAL: .X ±.030 .XX ±.010 .XXX ±.005	INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994	TITLE: SMP FEMALE TO FEMALE COMPRESSIBLE ADAPTER	
PROPRIETARY THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF SV MICROWAVE, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF SV MICROWAVE, INC IS PROHIBITED.		THIRD ANGLE PROJECTION	DRAWN: MKK 06/02/20	SIZE DWG. NO. 1112-4144-4148	
			CHECKED: BNK 06/02/20	SCALE: 7:1	
			APPROVED: BNK 06/02/20	SHEET 1 OF 1	