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:

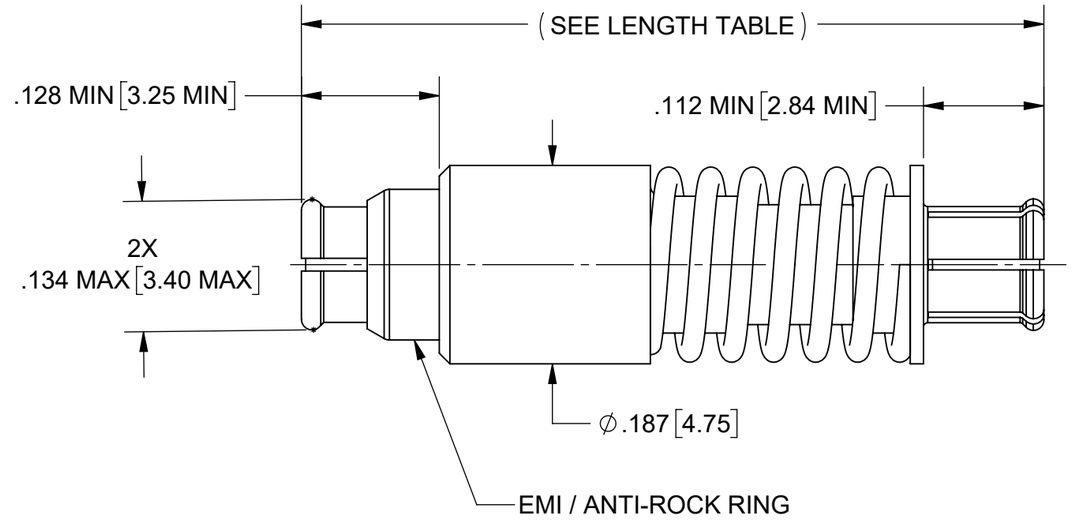
IMPEDANCE:	50 OHMS
FREQ. RANGE:	DC TO 40.0 GHz.

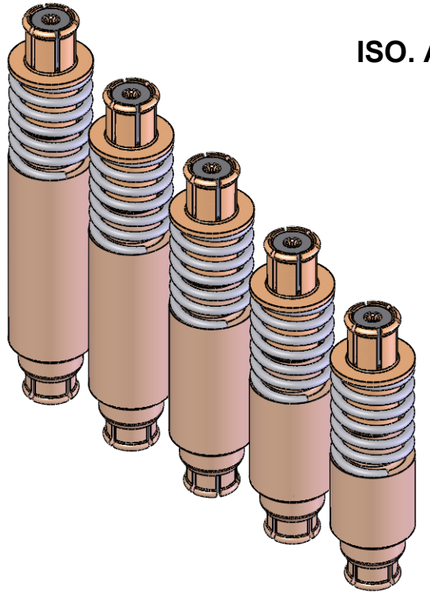
MECHANICAL SPECIFCIATIONS:

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.)

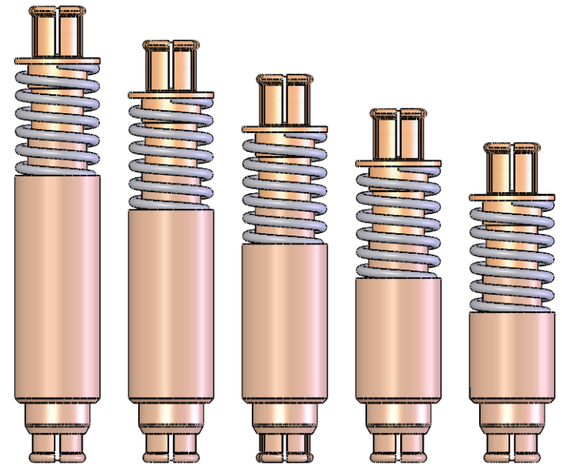
LENGTH TABLE

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





ISO. AND TOP VIEWS
SCALE 3:1



MATERIAL:	SEE NOTES
FINISH:	SEE NOTES
SURFACE AREA:	N/A

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.

DIMENSIONS ARE IN INCHES TOLERANCES:

FRACTIONAL: ±1/64 ANGULAR: X° ±1°0' X°X' ±15'

DECIMAL: .X ±.030 .XX ±.010 .XXX ±.005

INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994

THIRD ANGLE PROJECTION

UNLESS OTHERWISE SPECIFIED

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 63₄MIL-STD-10.
6) DIA.'S ON COMMON CENTERS TO BE CONCENTRIC WITHIN .005 T.I.R.
7) REMOVE ALL BURRS

DRAWN:	MKK 06/02/20
CHECKED:	BNK 06/02/20
APPROVED:	BNK 06/02/20

Amphenol SV MICROWAVE
www.svmicrowave.com

TITLE: SMP FEMALE TO FEMALE COMPRESSIBLE ADAPTER

SIZE	DWG. NO.	
B	1112-4144-4148	
SCALE: 7:1		SHEET 1 OF 1

Downloaded from Arrow.com.