PRODUCT DATA DRAWING

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
-	NRN 46269	09/21	SEE PDM

MATERIAL:

BODIES & CONTACTS:	BERYLLIUM COPPER PER ASTM B196, ALLOY No. UNS C17300, TD04.
SLEEVE:	STAINLESS STEEL PER AMS 5640, ALLOY UNS S30300, TYPE 1 OR ASTM A582 TYPE 303, CONDITION A.
INSULATORS:	PTFE PER ASTM D1710, TYPE I, GRADE 1, CLASS B.
SPRING:	STAINLESS STEEL PER ASTM A313, TYPE 631 OR AMS 5678.

FINISH:

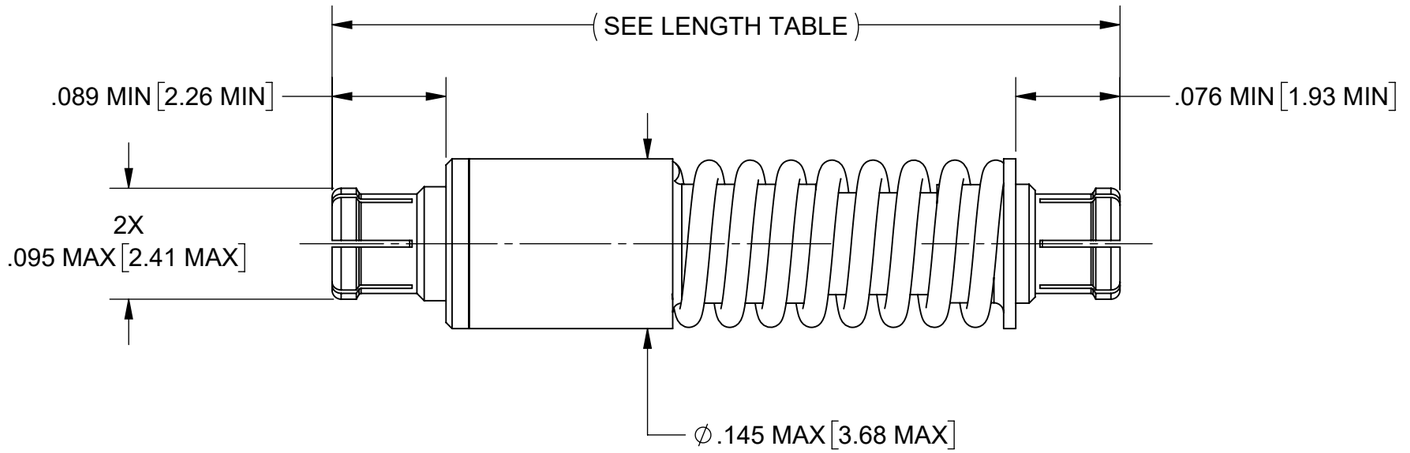
BODIES & CONTACT:	GOLD PER ASTM B488, TYPE II, CODE C, CLASS 1.27, OVER NICKEL PER AMS-QQ-N-290, CLASS 1, .00005" MIN.
SLEEVE:	PASSIVATED PER AMS 2700
SPRING:	PASSIVATED

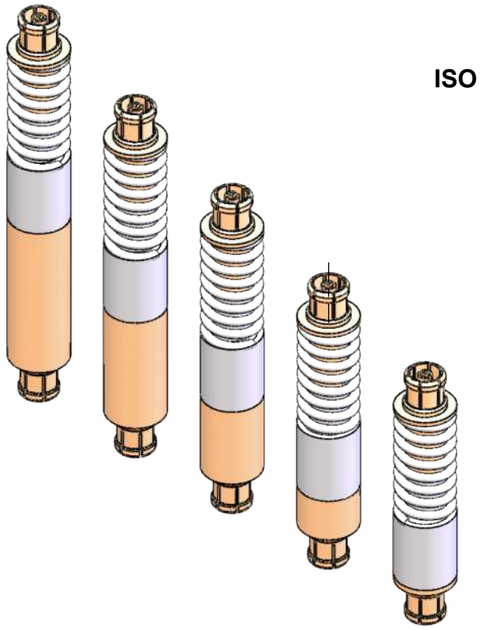
ELECTRICAL SPECIFICATIONS:

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

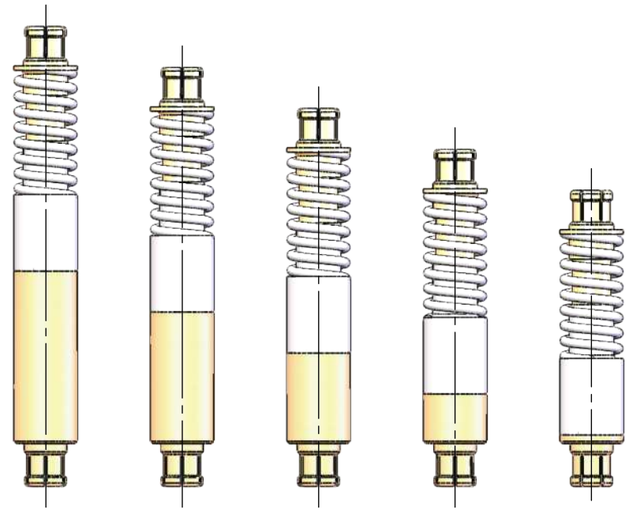
MECHANICAL SPECIFICATIONS:

ENGAGE FORCE:	
FULL DETENT:	9 LB MAX.
SMOOTH BORE:	2.5 LB MAX.
DISENGAGE FORCE:	
FULL DETENT:	2 LB MIN.
SMOOTH BORE:	.5 LB MIN.





ISO AND TOP VIEWS
SCALE 3:1



LENGTH			
SV PART NUMBER	LENGTHS		
	COMPRESSED	NOMINAL	UNCOMPRESSED
1132-4113	.550"	.600"	.650"
1132-4114	.640"	.690"	.740"
1132-4115	.730"	.780"	.830"
1132-4116	.820"	.870"	.920"
1132-4117	.910"	.960"	1.010"

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

DRAWN:	SRM 09/22/21
CHECKED:	SEE PDM
APPROVED:	SEE PDM

Amphenol SV MICROWAVE
www.svmicrowave.com

TITLE: SMPM FEMALE TO FEMALE COMPRESSIBLE ADAPTER

SIZE B | DWG. NO. 1132-4113-4117
SCALE: 8:1 | SHEET 1 OF 1