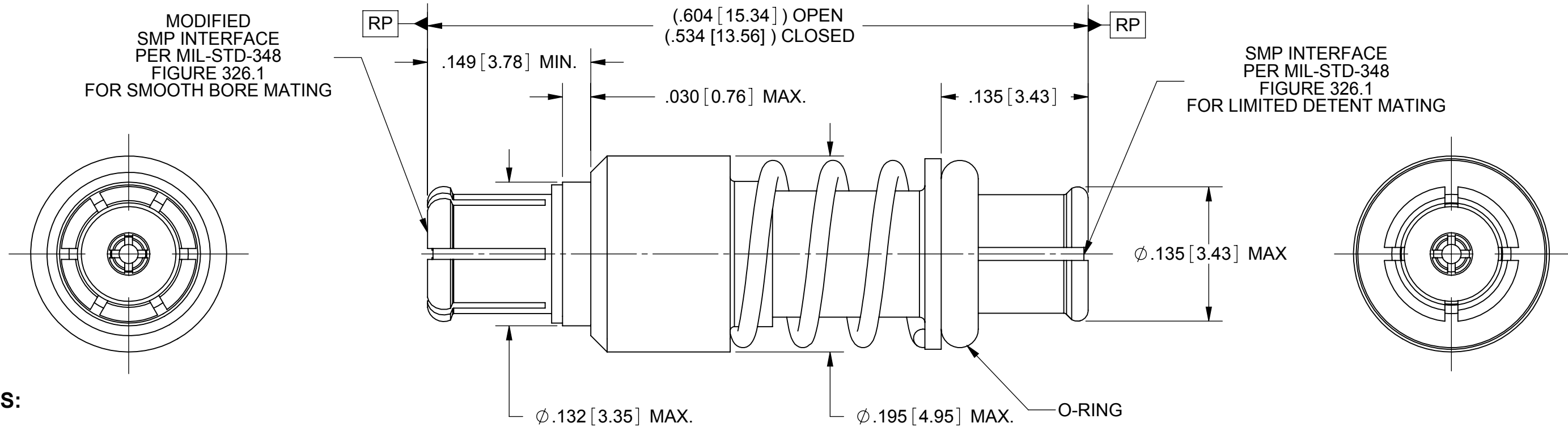


PRODUCT DATA DRAWING

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
-	DCN 36469	02/09	JMC
A	DCN 39762	04/13	EFT
B	DCN 39763	04/13	EFT



MATERIALS:

BODY & CONTACT: BERYLLIUM COPPER PER ASTM B196,
ALLOY No. UNS C17300, TD04.

INSULATORS: PTFE PER ASTM D1710.

SPRING: STAINLESS STEEL PER AMS-5678, ALLOY S17700.

O-RING: SILICONE RUBBER PER A-A-59588, CLASS 2A, GRADE 70.

FINISHES:

BODY& CONTACT: GOLD PER ASTM B488, TYPE I
GRADE C, CLASS 1.27, OVER ELECTRO-LESS NICKEL
PER AMS-2404, CLASS 4, .00050" MINIMUM.

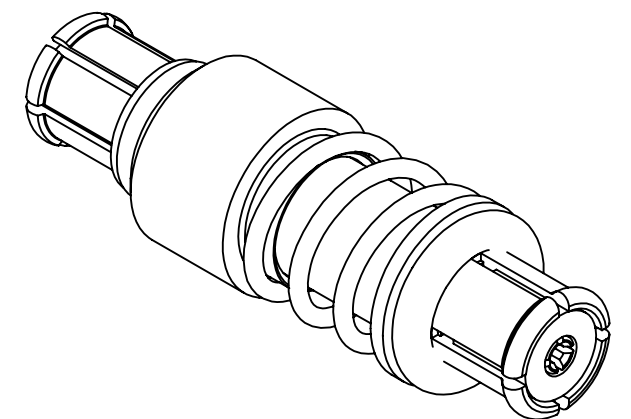
SPRING: PASSIVATED PER ASTM A967

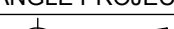
PERFORMANCE:

IMPEDANCE:	50 ± 1 OHMS
FREQ. RANGE:	DC - 40 GHz
VSWR:	1.30:1, DC - 12 GHz 1.40:1, 12 - 18 GHz 1.60:1, 18 - 40 GHz
INSERTION LOSS:	0.4 dB, DC - 12 GHz 0.6 dB, 12 - 18 GHz 0.8 dB, 18 - 40 GHz
DWV:	500 VRMS
INSULATION RES.:	5,000 MEGOHMS MIN

WEIGHT: 0.06 OUNCES MAX

SPRING FORCE: 4 LBS MAX AT FULL DEFLECTION,
2 LBS MIN PRELOAD.



MATERIAL:	SEE NOTES	DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL: ±1/64 ANGULAR: X° ±1°0' X*X' ±15'		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		SV Microwave, Inc. 2400 Centrepark West Drive, Suite 100 West Palm Beach, FL 33409	
FINISH:	SEE NOTES	DECIMAL: .X ±.030 .XX ±.010 .XXX ±.005					TITLE:
SURFACE AREA:	N/A	INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994					SMP TELESCOPIC ADAPTOR
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:	PJS 02/13/09	SIZE	CAGE CODE	DWG. NO.
			CHECKED:	JMC 02/13/09	B	95077	1112-4019
			APPROVED:	JMC 02/13/09	SCALE: 10:1		SHEET 1 OF 1