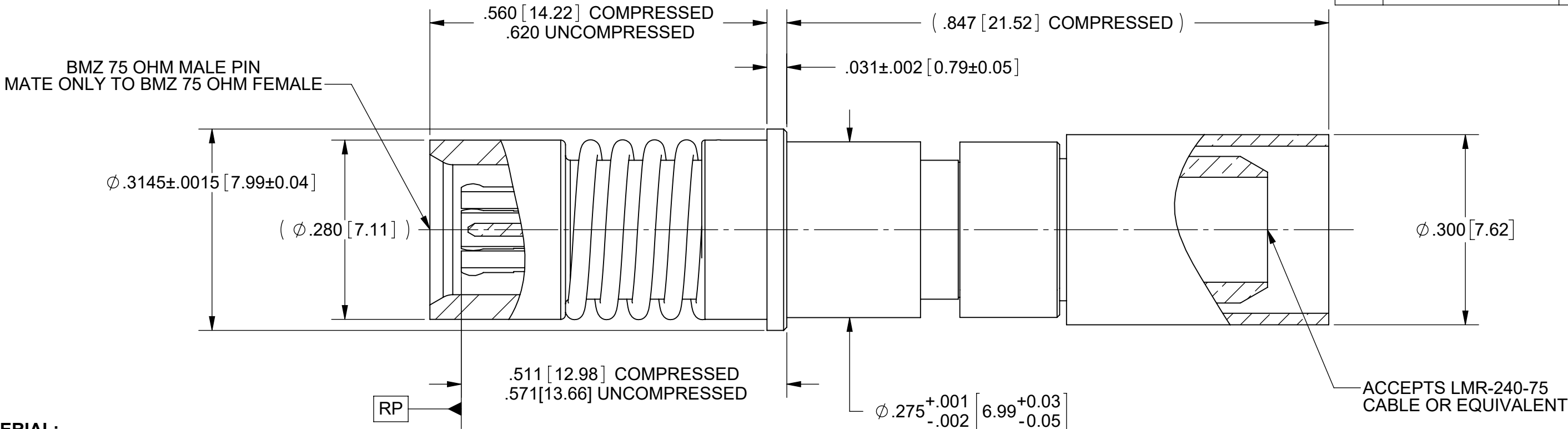


PRODUCT DATA DRAWING

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
D	DCN 55897	12/24	SEE PDM
E	DCN 56947	04/29/25	



MATERIAL:

BODY & SLEEVE: STAINLESS STEEL PER AMS-5640, ALLOY UNS S30300, TYPE 1, OR ASTM A582, TYPE 303, CONDITION A.

FERRULE & CRIMP RING: BRASS PER ASTM B16 ALLOY UNS No. 36000

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

INSULATOR: PTFE PER ASTM D1710, TYPE I, GRADE 1, CLASS B

SPRING: STAINLESS STEEL PER ASTM A313, TYPE 302.

FINISH:

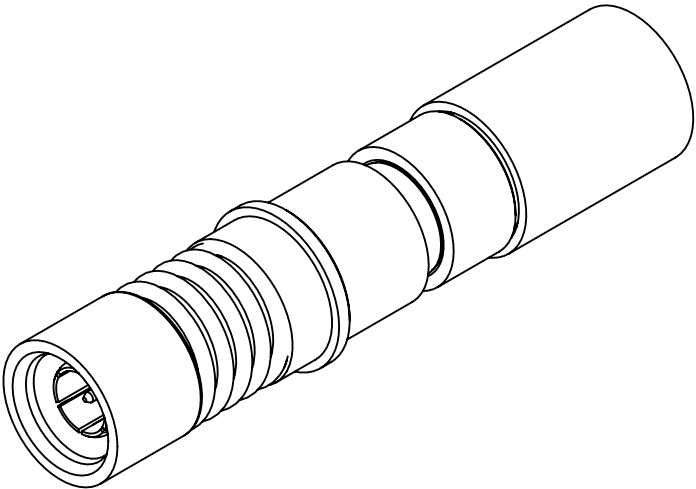
BODY, SLEEVE & SPRING: PASSIVATED PER AMS-2700, TYPE 2.

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

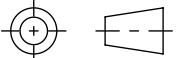
FERRULE, CRIMP RING & LOCK RING: NICKEL PER AMS-QQ-N-290.

PERFORMANCE:

IMPEDANCE: 75 OHMS
FREQ. RANGE: DC TO 2.5 GHz
VSWR: 1.5:1, DC TO 2.5 GHz
FINSERTION LOSS: .06 X SQRT(F(F IN GHz))
DWV: 1000 VRMS
OPERATING TEMP.: -55°C TO +125°C



NOTE:
ALL SOCKET CONTACTS DESIGNED FOR SERIES I, III OR IV.

MATERIAL:	SEE NOTES	DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL: $\pm 1/64$ ANGULAR: X° $\pm 1^{\circ}0'$ X°X' $\pm 15'$ DECIMAL: .X $\pm .030$.XX $\pm .010$.XXX $\pm .005$ INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994	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	 www.svmicrowave.com	
FINISH:	SEE NOTES			TITLE: BMZ 75 OHM SOCKET FOR LMR-240-75 CABLE FIT M38999 SIZE 8 CAVITY	
SURFACE AREA:	N/A			SIZE DWG. NO.	B SF9811-60003
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: JMC 10/20/08 CHECKED: SEE PDM APPROVED: SEE PDM	SCALE: 6:1	SHEET 1 OF 1