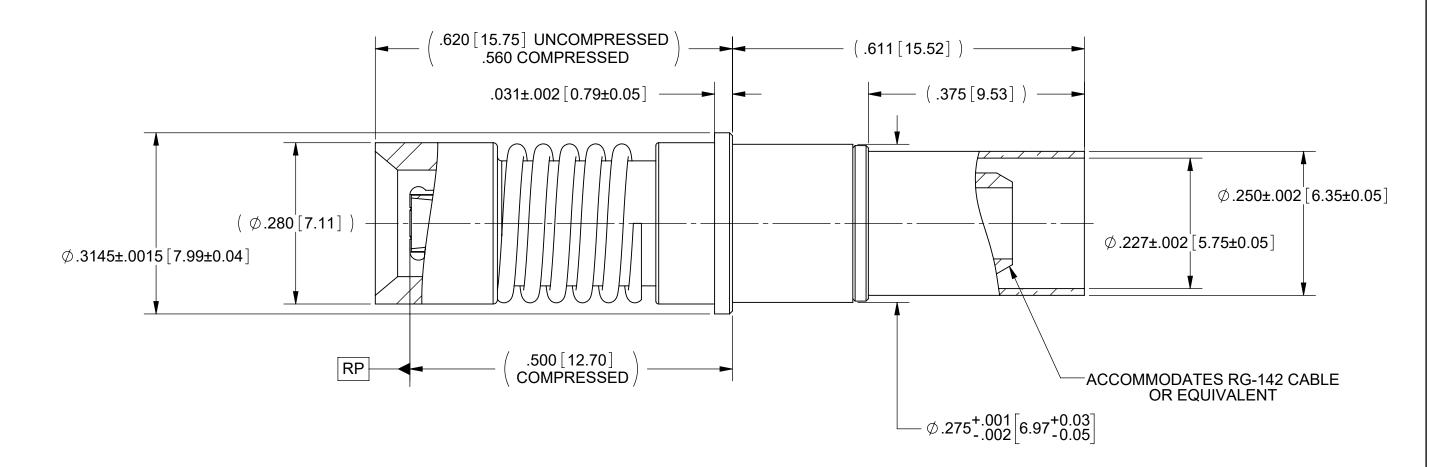
PRODUCT DATA DRAWING

REVISION HISTORY				
REV	DESCRIPTION	DATE	APPROVED	
В	DCN 51502	04/22		
С	DCN 51620	05/22	SEE PDM	



MATERIAL:

BODIES & SLEEVES: STAINLESS STEEL PER AMS 5640, ALLOY UNS S30300, TYPE 1

OR ASTM A582, TYPE 303, CONDITION A.

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

PTFE PER ASTM D1710, TYPE I, GRADE 1, CLASS B. **INSULATORS:**

GASKET: SILICONE RUBBER PER A-A-59588, CLASS 2B, GRADE 60/70.

SPRING: STAINLESS STEEL PER ASTM A313, TYPE 302.

FINISH:

BODIES & SLEEVES & SPRING: PASSIVATED PER AMS 2700.

GOLD PER ASTM B488, TYPE II, CODE C, CLASS 1.27 CONTACT:

OVER NICKEL PER AMS-QQ-N-290, CLASS 1, .00005" MIN.

LOCK RING: **NICKEL PER AMS-QQ-N-290**

PERFORMANCE:

IMPEDANCE: 50 OHMS

FREQ. RANGE: DC TO 12.0 GHz

INSERTION LOSS:

VSWR: 1.3:1 MAX. MATED PAIR DC TO 12.0 GHz

.06 X SQRT(F(F IN GHz))

1000 VRMS

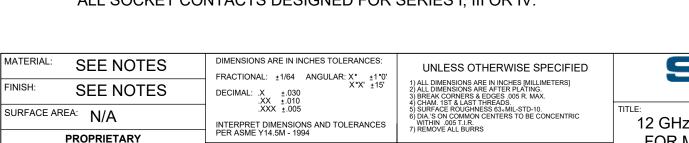
-55°C TO +125°C **OPERATING TEMP.:**

NOTE:

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FINISH:

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







12 GHz BMZ MALE TO RG-142 FOR M38999 SIZE 8 CAVITY

SIZE B	DWG. NO.	SF9811	-6002
SCALE: 6:1			SHEET 1 OF 1