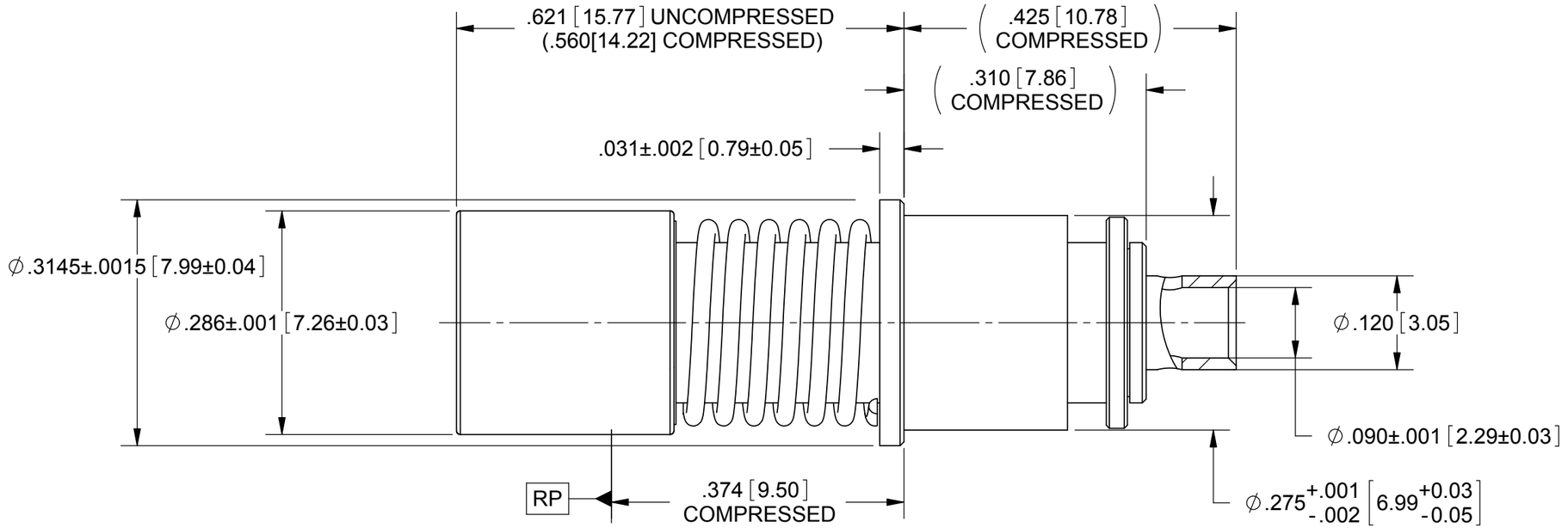
ROHS COMPLIANT

PRODUCT DATA DRAWING

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
B	REV. DCN 3966	08/01/13	PJS



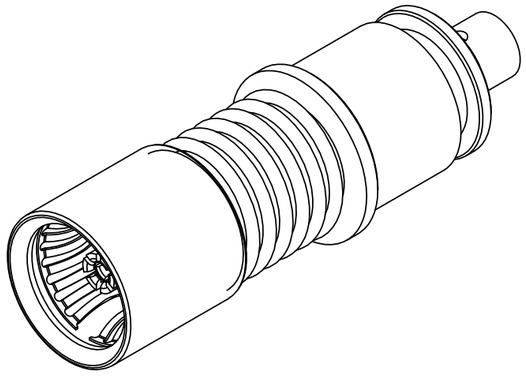
MATERIAL:

BODY,
FERRULE & SLEEVE: STAINLESS STEEL PER AMS-5640, ALLOY UNS S30300, TYPE 1
FERRULE: BRASS PER ASTM B16 ALLOY UNS No. 36000
CONTACT
RET. 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 631 ALLOY No. UNS17700.

FINISH:

BODY, SLEEVE,
& SPRING: PASSIVATED PER AMS-2700, TYPE 2.
CONTACT & FERRULE: GOLD PER ASTM B488, TYPE II, CODE C, CLASS 1.27; OVER NICKEL PER AMS-QQ-N-290, CLASS 1, .00005" MIN.
RET. RING: NICKEL PER AMS-QQ-N-290.

PERFORMANCE:
IMPEDANCE: 50 OHMS
FREQ. RANGE: DC TO 26.5 GHz
VSWR: 1.30:1 DC TO 26.5 GHz
INSERTION LOSS: .06 X SQRT(F(F IN GHz))
DWV: 1000 VRMS
OPERATING TEMP.: -55°C TO +125°C



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

PROPRIETARY
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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:	JMC 02/11/08
CHECKED:	PJS 05/05/10
APPROVED:	PJS 05/05/10

SV Microwave, Inc.
2400 Centrepark West Drive, Suite 100
West Palm Beach, FL 33409

TITLE:
M38999/BMA SOCKET FOR TFLEX 405 CABLE

SIZE	CAGE CODE	DWG. NO.
B	95077	SF9411-6000

SCALE: 6:1 SHEET 1 OF 1

Mouser Electronics

Authorized Distributor

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Amphenol:
SF9411-6000