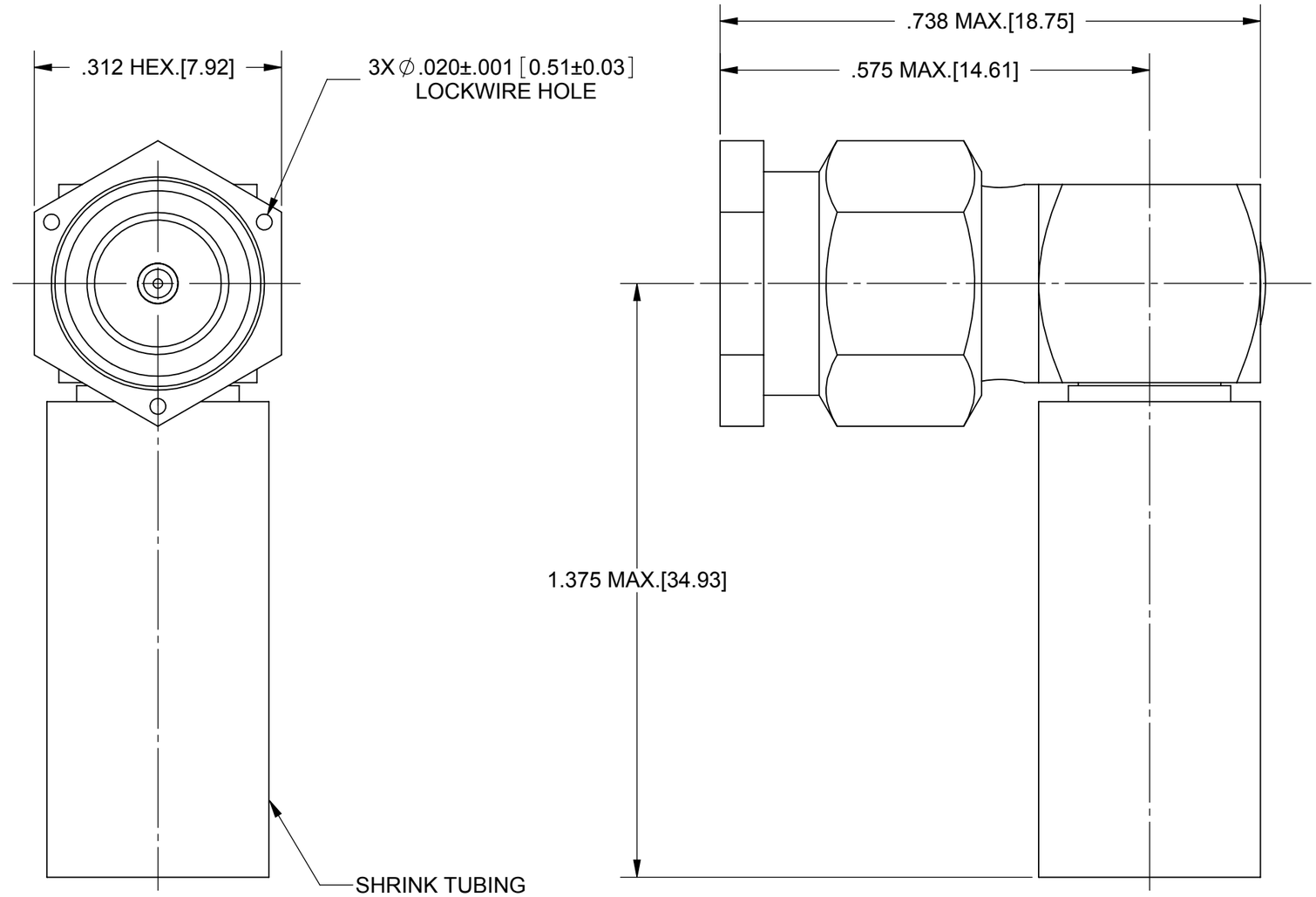
ROHS COMPLIANT

| REVISION HISTORY | | | |
|---|---|---|---|
| REV | DESCRIPTION | DATE | APPROVED |
| A | DCN 38106 | 03/11 | PJS |
| | | | |
| | | | |

# PRODUCT DATA DRAWING




## MATERIAL:

| | |
|---|---|
| BODY, PRESS CAP & COUPLING NUT: | STAINLESS STEEL PER AMS-5640, ALLOY UNS S30300, TYPE 1 |
| LOCK RING & CONTACT: | BERYLLIUM COPPER PER ASTM B196, ALLOY No. UNS C17300, TD04 |
| CRIMP RING: | COPPER PER ASTM B103 ALLOY UNS C18700. H04. |
| INSULATOR: | PTFE PER ASTM D1710, TYPE I, GRADE 1, CLASS B |
| GASKET: | SILICONE RUBBER PER A-A-59588, CLASS 2B, GRADE 50/60 |
| SHRINK TUBING: | SCL POLYOLEFIN PER MIL-I-23053/4, CLASS I |

## FINISH:

| | |
|---|---|
| BODY, PRESS CAP & COUPLING NUT: | PASSIVATED PER AMS-2700 |
| CONTACT: | GOLD PER ASTM B488, TYPE II, CODE C, CLASS 1.27; OVER NICKEL PER AMS-QQ-N-290, CLASS 1, .00005" MIN. |
| CRIMP RING: | NICKEL PER QQ-N-290,CLASS 2, .00005" MIN. |

## PERFORMANCE:

| | |
|---|---|
| IMPEDANCE: | 50 OHMS |
| FREQ. RANGE: | DC TO 12.4 GHz |
| VSWR: | 1.15 + .02 F (F IN GHz) |
| INSERTION LOSS: | .15 X SQRT(F(F IN GHz)) |
| DWV: | 1000 VRMS |
| OPERATING TEMP.: | -65°C TO +165°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: | PJS | 03/20/11 |
| CHECKED: | PJS | 03/20/11 |
| APPROVED: | ND | 03/01/86 |

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

TITLE: SMA PLUG R/A CRIMP ATTACHMENT FOR RG-142, 400, 223 CABLE

| SIZE | CAGE CODE | DWG. NO. |
|---|---|---|
| B | 95077 | M39012/56-3028 |

SCALE: 6:1

SHEET 1 OF 1