ROHS COMPLIANT

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
-	REL. DCN 35131	05/07	STW

PRODUCT DATA DRAWING

MATERIAL:

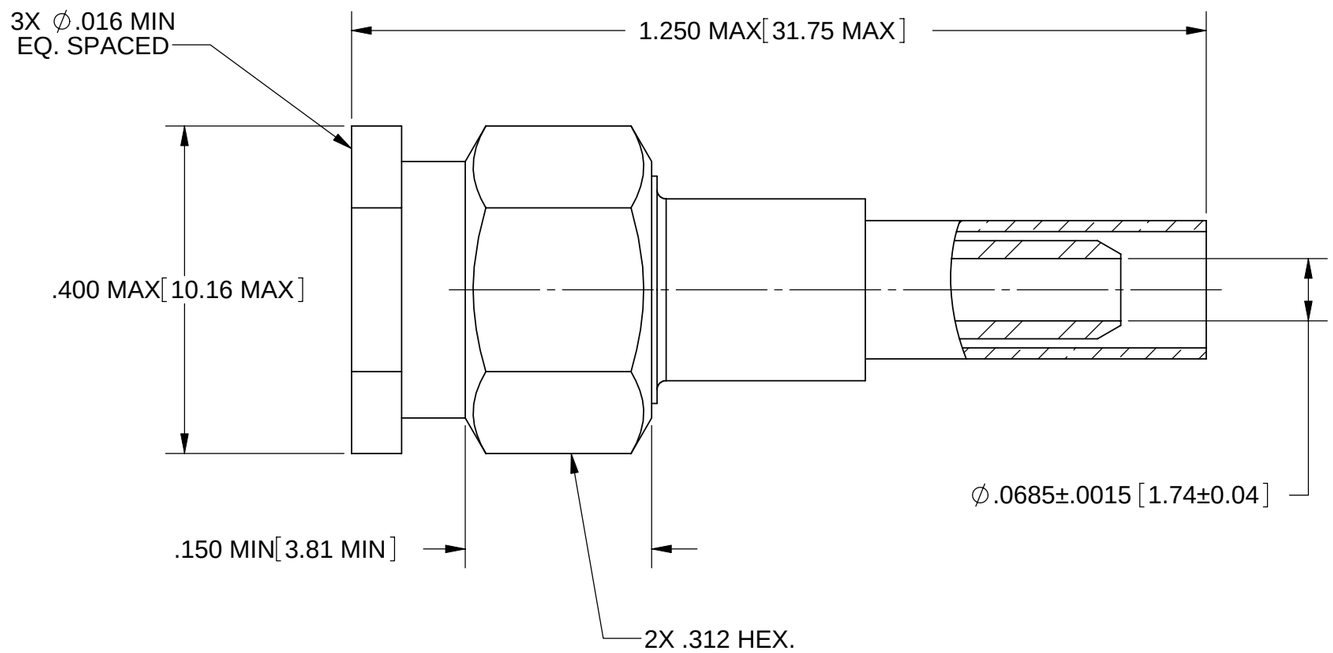
BODY & COUPLING NUT:	STAINLESS STEEL PER AMS-5640, ALLOY UNS S30300, TYPE 1
CONTACT & CRIMP RING:	BRASS ASTM-B16, ALLOY UNS C36000, HO2
LOCK RING:	BERYLLIUM COPPER PER ASTM-B196, ALLOY No. UNS C17300, TD04
INSULATOR:	PTFE PER ASTM D1710, TYPE I, GRADE 1, CLASS B
GASKET:	SILICONE RUBBER PER A-A-59588, CLASS 2B
SHRINK TUBING:	POLYOLEFIN PER MIL-DTL-23053/4-102-0

FINISH:

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

PERFORMANCE:

IMPEDANCE:	50 OHMS
DWV:	750 VRMS
FREQ. RANGE:	DC-12.4 GHz
INSUL. RES. :	5000 MEGOHMS. MIN.
VSWR:	1.15+.02(F), 0.5 TO 12.4 GHz, OR APPROXIMATELY 80% OF THE CUTOFF FREQUENCY OF THE CABLE.
TEMP. RANGE:	-65˚C TO +165˚C



NOTES:
1. SHRINK TUBING NOT SHOWN.

MATERIAL: SEE NOTES	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	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
FINISH: SEE NOTES		
SURFACE AREA: N/A		
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: ADK 05/21/07 CHECKED: STW 05/22/07 APPROVED: STW 05/22/07

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

TITLE: SMA STRAIGHT CRIMP PLUG FOR RG-316 CABLE

SIZE	CAGE CODE	DWG. NO.
B	95077	M39012/55B3012

SCALE: 1:0.166667 SHEET 1 OF 1

Unikeyic Electronics

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Amphenol:

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