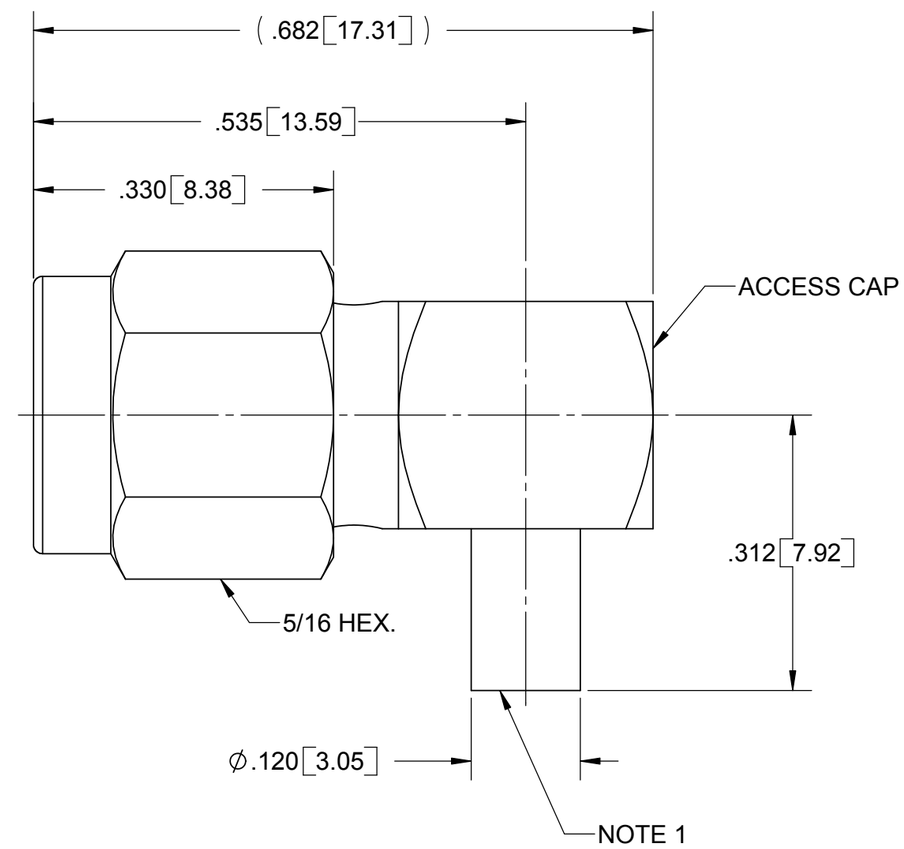
REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
G	DCN 32901	03/05	BRT

PRODUCT DATA DRAWING



MATERIAL

BODY FERRULE, COUPLING NUT:	STAINLESS STEEL PER AMS-5640, ALLOY UNS S30300, TYPE 303. COND. A
PRESS CAP:	STAINLESS STEEL PER ASTM A240, ALLOY UNS S30400, TYPE 304
LOCK RING:	BERYLLIUM COPPER PER ASTM B196, COND. TD04, ALLOY UNS C17300
CONTACT:	BRASS PER ASTM B16, ALLOY UNS C36000
INSULATOR:	PTFE PER ASTM D1710, TYPE I, GRADE 1, CLASS B
GASKET:	SILICONE RUBBER PER A-A-59588, CLASS 2B, GRADE 50/60

FINISH

BODY FERRULE, CONTACT, PRESS CAP:	GOLD PER ASTM B488, TYPE II, CODE C, CLASS 0.76; OVER NICKEL PER AMS-QQ-N-290, CLASS 1, .00010 MIN.
COUPLING NUT:	PASSIVATED PER AMS-QQ-P-35, TYPE II

PERFORMANCE

IMPEDANCE:	50 OHMS
FREQ. RANGE:	DC TO 12.4 GHz
D.W.V.:	1000 VRMS
INSUL. RES.;	5000 MEGOHMS

NOTES:
1. ACCEPTS .085 SEMI-RIGID CABLE AND T-FLEX 405 CABLE

MATERIAL: SEE ABOVE

FINISH: SEE ABOVE

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.

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:	BRT 04/04/97
CHECKED:	CT 10/15/85
APPROVED:	ND 10/16/85

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

TITLE: SMA PLUG RIGHT ANGLE SOLDER-ON

SIZE	CAGE CODE	DWG. NO.
B	95077	SF2915-6001

SCALE: 6:1 SHEET 1 OF 1