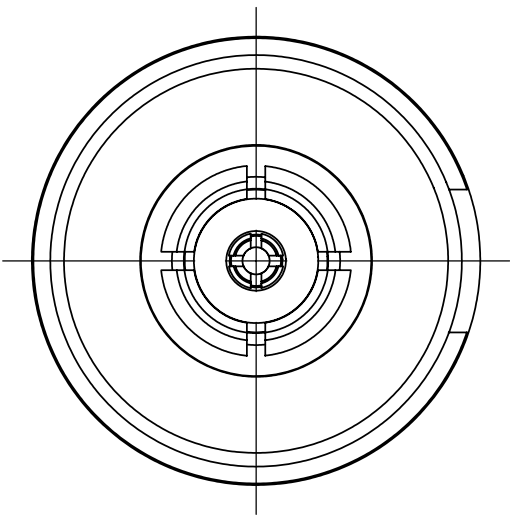


PRODUCT DATA DRAWING

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
-	DCN 35561	12/07	STW



SMP FEMALE
PER MIL-STD-348

(ϕ .135 [3.43] MAX.)

RP

.220 [5.59]

.093 [2.36]
PANEL THICKNESS

(.150 [3.81])

ACCEPTS
 ϕ .047 S.R. CABLE

(.290 [7.37])

ϕ .268 $\pm$.001 [6.81 $\pm$ 0.03]

(.484 [12.29])

(ϕ .293 [7.44])

.093 $\pm$.002 [2.36 $\pm$ 0.05]

30°

ϕ .272 $\pm$.001 [6.91 $\pm$ 0.03]

ϕ .283 $\pm$.002 [7.19 $\pm$ 0.05]

RECOMMENDED MOUNTING HOLE

- MATERIALS:

BODIES, CONTACT & SPRING CLIP:
SLEEVE, WASHER & INSERT:

SPRING:
INSULATOR:
DIELECTRIC SPACER:
HEAT SHRINK TUBING:

BERYLLIUM COPPER PER ASTM B196

STAINLESS STEEL PER AMS 5640,
ALLOY No. UNS S30300, TYPE 1
STAINLESS STEEL PER ASTM A313
PTFE PER ASTM D1710
TORLON 4203
AMS-DTL-23053 (NOT SHOWN)
- FINISHES:

BODIES, CONTACT & SPRING CLIP:

SLEEVE, WASHER
INSERT & SPRING:

GOLD PER ASTM B488, TYPE II
GRADE C, CLASS 1.27, OVER NICKEL
PER AMS-QQ-N-290, CLASS 1

PASSIVATED PER AMS 2700, TYPE 2
- ELECTRICAL:

IMPEDANCE:
FREQ. RANGE:
VSWR:

INSERTION LOSS:
D.W.V.:
INSULATION RES.:

50 OHMS
DC TO 40.0 GHZ
1.15:1 DC TO 18.0 GHz.
1.25:1 DC TO 26.5 GHz.
0.25 dB MAX.
500 VRMS
5,000 MEGOHMS MINIMUM

FLOAT:
AXIAL FLOAT: .040 INCH
RADIAL FLOAT: .020 INCH

SPRING FORCE:
SPRING RATE: 39 LBS/INCH NOM.
PRE-LOAD: 0.81 LBS NOM.
.035" COMPRESSION: 2.15 LBS NOM.
.125" COMPRESSION: 5.6 LBS NOM.

MATERIAL:	SEE NOTES	DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL: $\pm$ 1/64 ANGULAR: X° $\pm$ 1°0' X"X' $\pm$ 15' DECIMAL: .X $\pm$.030 .XX $\pm$.010 .XXX $\pm$.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	SV Microwave, Inc. 2400 Centrepark West Drive, Suite 100 West Palm Beach, FL 33409	
FINISH:	SEE NOTES			TITLE: SMP FEMALE, FLOAT MOUNT FOR S.R. ϕ .047, ϕ .093" PANEL THK.	
SURFACE AREA:	N/A			SIZE B	CAGE CODE 95077
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: HLP 12/17/07	DWG. NO. 1221-6001	SHEET 1 OF 1
			CHECKED: STW 12/17/0	SCALE: 8:1	
			APPROVED: STW 12/17/0		