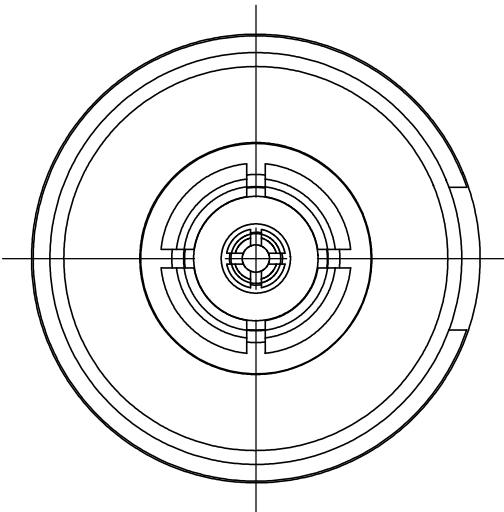


PRODUCT DATA DRAWING

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
-	DCN 35561	12/07	STW
A	DCN 37782	09/10	PJS



SMP FEMALE
PER MIL-STD-348

(ϕ .135 [3.43] MAX.)

(.150 [3.81])

.220 [5.59]

.093 [2.36]
PANEL THICKNESS

ACCEPTS
 ϕ .047 S.R. CABLE

(.290 [7.37])

ϕ .268±.001 [6.81±0.03]

(ϕ .293 [7.44])

(.484 [12.29])

RP

.093±.002 [2.36±0.05]

30°

ϕ .272±.001 [6.91±0.03]

ϕ .283±.002 [7.19±0.05]

MATERIALS:

BODIES, CONTACT
& SPRING CLIP:
SLEEVE & INSERT:

BERYLLIUM COPPER PER ASTM B196
STAINLESS STEEL PER AMS 5640,
ALLOY No. UNS S30300, TYPE 1
BRASS PER ASTM B16, ALLOY UNS No. C36000
STAINLESS STEEL PER ASTM A313
PTFE PER ASTM D1710
TORLON 4203
AMS-DTL-23053 (NOT SHOWN)

FINISHES:

BODIES, CONTACT
& SPRING CLIP:

GOLD PER ASTM B488, TYPE II
GRADE C, CLASS 1.27, OVER NICKEL
PER AMS-QQ-N-290, CLASS 1
NICKEL PER AMS-QQ-N-290, CLASS 2

BUSHING:

SLEEVE,
INSERT & SPRING:

PASSIVATED PER AMS 2700

ELECTRICAL:

IMPEDANCE:
FREQ. RANGE:
VSWR:

50 OHMS
DC TO 40.0 GHZ
1.15:1 DC TO 18.0 GHZ.
1.25:1 DC TO 26.5 GHZ.

INSERTION LOSS:

D.W.V.:

INSULATION RES.:

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.

RECOMMENDED MOUNTING HOLE

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 CHECKED: STW 12/17/0 APPROVED: STW 12/17/0	DWG. NO. 1221-6001	SCALE: 8:1
				SHEET 1 OF 1	

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