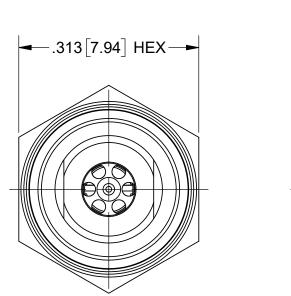
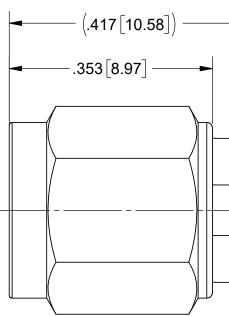
# **PRODUCT DATA DRAWING**





#### **MATERIAL:**

#### BODY, CAP, SLEEVE &

COUPLING NUT:	STAINLESS STEEL PER AMS-5640,
	ALLOY UNS S30300, TYPE 1

- BERYLLIUM COPPER PER ASTM B196, ALLOY No. UNS C17300, TD04 LOCK RING:
- SLEEVE (CHIP) & CONTACT: BRASS PER ASTM B16, ALLOY UNS No. C36000
- **BELLOWS SPRING:** ELECTRO DEPOSITED NICKEL: GOLD PLATED
- **INSULATOR:** ULTEM 1000 PER ASTM D5205
- SILICONE RUBBER PER A-A-59588, CLASS 2B, GRADE 50/60 GASKET:
- ALUMINUM NITRIDE SUBSTRATE WITH TANTALUM NITRIDE RESISTOR: GOLD PLATED TERMINATIONS **RESISTOR ELEMENT:**

## FINISH:

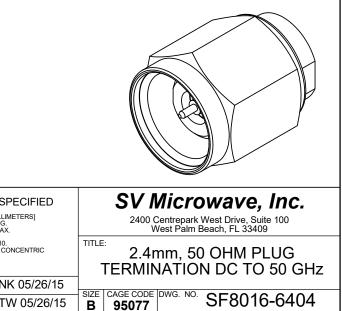
BODY, CAP, COUPLING NUT & SLEEVE (BODY):	PASSIVATED PER AMS-2700, TYPE II.
CONTACT:	GOLD PER ASTM B488, TYPE I, CODE C, CLASS .5, OVER NICKEL PER AMS-QQ-N-290, CLASS 1, .00005" MIN.

GOLD PER ASTM B488, TYPE II, CODE C, CLASS 1.52, OVER NICKEL PER AMS-QQ-N-290, CLASS 1, .00010" MIN SLEEVE (CHIP):

## **PERFORMANCE:**

IMPEDANCE: FREQ. RANGE: VSWR: OPERATING TEMP.:	50 OHMS DC TO 50.0 GHz 1.30:1 DC TO 50.0 GHz -65°C TO +125°C								
AVG. POWER:	1 WATT (POWER INPUT DERATED LINEARLY	MATERIAL:	SEE NOTES	DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL: ±1/64 ANGULAR: X° ±1°0'		WISE SPECIFIED	SV M	icrowave,	Inc.
PEAK POWER:	FROM 25°C TO 10% OF AVERAGE AT 125°C) PEAK POWER: 100 WATTS (PEAK POWER FOR A DUTY CYCLE			DECIMAL: .X ±.030 .XX ±.010 .XXX ±.005	1) ALL DIMENSIONS ARE IN INC 2) ALL DIMENSIONS ARE AFTE 3) BREAK CORNERS & EDGES 4) CHAM. 1ST & LAST THREAD 5) SURFACE ROUGHNESS 63=	005 R MAX	2400 Centrepark West Drive, Suite 100 West Palm Beach, FL 33409		
ENGAGEMENT/	OF 5X10-4 MAXIMUM PULSE DURATION OF 5 MICROSECONDS)	SURFACE AF	REA: N/A	INTERPRET DIMENSIONS AND TOLERANCES	5) SURFACE ROUGHNESS 63₀ 6) DIA.'S ON COMMON CENTEF WITHIN .005 T.I.R. 7) REMOVE ALL BURRS	MIL-STD-10. RS TO BE CONCENTRIC		m, 50 OHM PL	
DISENGAGEMENT:	2 IN-LBS		PROPRIETARY		DRAWN:	BNK 05/26/15		ATION DC TO	50 GHz
Dioento, toement.		IS THE SOLE F	TION CONTAINED IN THIS DRAWING PROPERTY OF SV MICROWAVE, INC. JCTION IN PART OR AS A WHOLE		CHECKED:	STW 05/26/15	SIZE CAGE CODE D	WG. NO. SF8016	-6404
		WITHOUT THE	WRITTEN PERMISSION OF /E, INC IS PROHIBITED.		APPROVED:	STW 05/26/15	B 95077   SCALE: 6:1 6:1		SHEET 1 OF 1

REVISION HISTORY						
REV	DESCRIPTION	DATE	APPROVED			
-	REL. NRN 40359	03/17/16	STW			
А	DCN 46776	10/10	STW			



# **Mouser Electronics**

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Amphenol: SF8016-6404