ROHS COMPLIANT

PRODUCT DATA DRAWING

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
E	DCN 39397	09/12	STW

MATERIAL:

BODY,

PRESS CAP & COUPLING NUT:

STAINLESS STEEL PER AMS-5640,

ALLOY UNS S30300, TYPE 1

LOCK RING: PHOSPHOR BRONZE

CONTACT, **INSERT &**

END CAP BRASS PER ASTM B16, ALLOY UNS No. C36000

INSULATOR: PTFE PER ASTM D1710, TYPE I, GRADE 1, CLASS B

SILICONE RUBBER PER A-A-59588, CLASS 2B, GRADE 60/70 GASKET:

RESISTOR ELEMENT: ALUMINA SUBSTRATE WITH

NICHROME RESISTOR

FINISH:

BODY.

PRESS CAP &

COUPLING NUT: PASSIVATED PER AMS-2700

CONTACT: .000050" MIN GOLD OVER .000100" MIN NICKEL

PERFORMANCE:

IMPEDANCE: 50 OHMS

FREQ. RANGE: DC TO 18.0 GHz

VSWR: 1.05 + .010f(GHz), DC TO 18.0 GHz **OPERATING TEMP.:** -55°C TO +125°C

AVG. POWER:

1 WATT (POWER INPUT DERATED LINEARLY FROM 25°C TO .5 WATTS AT 125°C)

50 WATTS (PEAK POWER FOR A DÚTY CYCLE **PEAK POWER:**

OF 5 X10-4 MAXIMUM PULSE DURATION OF

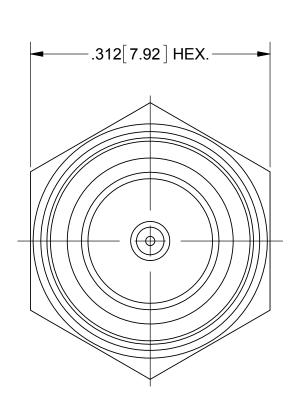
5 MICROSECONDS)

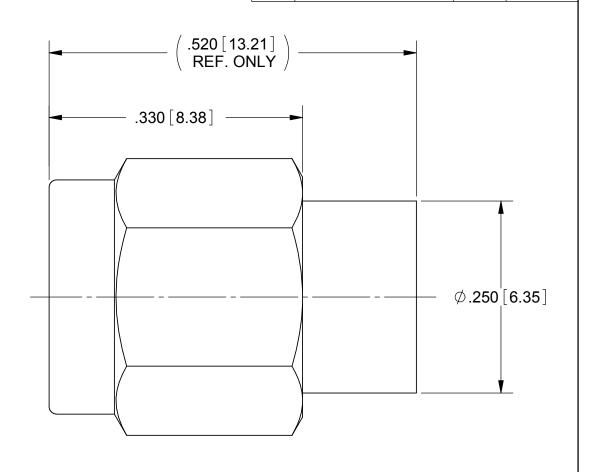
CONNECTOR

DURABILITY: 500 CYCLES

ENGAGEMENT/

DISENGAGEMENT: **2.0 IN-LBS**





MATERIAL:	SEE NOTES	
FINISH:	SEE NOTES	
SURFACE AREA: N/A		
	PROPRIETARY	
IS THE SOLE PE ANY REPRODU WITHOUT THE	ION CONTAINED IN THIS DRAWING ROPERTY OF SV MICROWAVE, INC CTION IN PART OR AS A WHOLE WRITTEN PERMISSION OF E. 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

DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL: ±1/64 ANGULAR: X° ±1°0′ X°X′ ±15′ DECIMAL: .X ±.030	UNLESS OTHER 1) ALL DIMENSIONS ARE IN II 2) ALL DIMENSIONS ARE AFT 3) BREAK CORNERS & EDGE 4) CHAM. 1ST & LAST THREA 5) SURFACE ROUGHNESS 63 6) DIA: S ON COMMON CENTE WITHIN .005 T.I.R. 7) REMOVE ALL BURRS	S .005 R. MAX. DS. &MIL-STD-10.
THIRD ANGLE PROJECTION	DRAWN:	BRT 12/05/0
* —	CHECKED:	STW 06/30/1

APPROVED:

ERWISE SPECIFIED	SV Microwave, Inc
N INCHES [MILLIMETERS] AFTER PLATING.	2400 Centrepark West Drive, Suite 100

TITLE:

BRT 12/05/03

STW 06/30/11

BRT 12/05/03

SMA PLUG
TERMINATION

-	95077	DWG. NO.	SF8018	3-6005
SCALE: 8:1				SHEET 1 OF 1

Mouser Electronics

Authorized Distributor

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

Amphenol: SF8018-6005