ROHS COMPLIANT

PRODUCT DATA DRAWING

REVISION HISTORY				
REV	DESCRIPTION	DATE	APPROVED	
С	DCN 49519	12/19	STW	
D	DCN 49528	12/19	STW	

MATERIAL:

BODY &

COUPLING NUT: STAINLESS STEEL PER AMS-5640.

ALLOY UNS \$30300, TYPE 1;

OR ASTM A582 TYPE 303, COND. A

LOCK RING & CONTACT:

BERYLLIUM COPPER PER ASTM B196,

ALLOY No. UNS C17300, TD04

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

GASKET: SILICONE RUBBER PER A-A-59588,

CLASS 2B, GRADE 60/70

RESISTOR ELEMENT: **ALUMINA SUBSTRATE WITH**

NICHROME RESISTOR

FINISH:

BODY: GOLD PER ASTM B 488, TYPE I.

CODE C, CLASS 1.27, OVER NICKEL

PER AMS-QQ-N-290, CLASS 1, .00005" MIN.

COUPLING NUT: PASSIVATED PER AMS-2700

CONTACT: GOLD PER ASTM B488, TYPE II,

CODE C, CLASS 1.52, OVER NICKEL

PER AMS-QQ-N-290, CLASS 1, .00005" MIN.

PERFORMANCE:

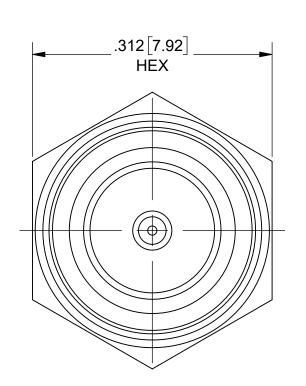
IMPEDANCE: 49-51 OHMS DC TO 18.0 GHz. FREQ. RANGE:

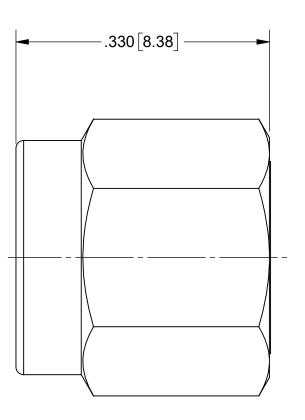
1.10:1 MAX. DC TO 18.0 GHz. VSWR:

OPERATING TEMP.: -55°C TO +125°C

1 WATT (POWER INPUT DERATED LINEARLY AVG. POWER:

FROM 25°C TO .25 WATTS AT 125°C)





MATERIAL: S	SEE NOTES
FINISH: S	SEE NOTES
SURFACE AREA:	N/A

PROPRIETARY	PER ASM
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ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF	
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DIMENSIONS ARE IN INCHE	S TOLERANCES:
PRACTIONAL: ±1/64 ANG DECIMAL: .X ±.030 .XX ±.010 .XXX ±.005	GULAR: X° ±1°0' X°X' ±15'

INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994

RD ANGLE PROJECTION	DRAWN:	DWC 10/13/89
	CHECKED:	RG 10/19/89
	APPROVED:	

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



SMA 1 WATT PLUG TERMINATION

3	SIZE B	DWG.	NO.	SF8018	8-6061
			2.4		OUEET 4 OF

TITLE:

SHEET 1 OF 1 SCALE: 8:1

Mouser Electronics

Authorized Distributor

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

Amphenol: SF8018-6061