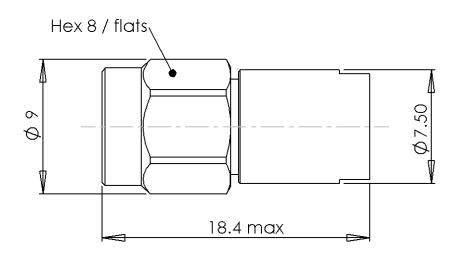
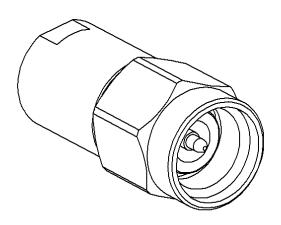




SMK MALE COAXIAL TERMINATION 40GHZ 1W

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Scale 1:1

All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING (μm)
Body	STAINLESS STEEL	PASSIVATED
Center contact	BERYLLIUM COPPER	GOLD OVER NICKEL
Outer contact	-	-
Insulator	ULTEM	
Gasket	SILICONE RUBBER	
Substrate	ALUMINA	
Resistor	THIN FILM	
Others parts	-	-





SMK MALE COAXIAL TERMINATION 40GHZ 1W

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## **ELECTRICAL CHARACTERISTICS**

Frequency (GHz) DC - 40 V.S.W.R  $(\leq)$  1.18

Operating Frequency Range	DC - 40	GHz
Impedance	50	Ω
DC Resistance	50	Ω ± 5%
Peak power at 25°C (1µs, 1‰)	50	W
Average power at 25°C	1	W (Free Air Cooled)
		W (Conduction Cooled)
	<u> </u>	·

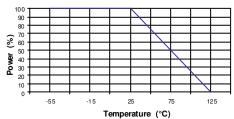
#### **MECHANICAL CHARACTERISTICS**

Connectors	SMA2.9	Male	MIL C 39012
Weight	<b>4,8500</b> g		

# **ENVIRONMENTAL CHARACTERISTICS**

Operating temperature range	-55/+125	°C
Storage temperature range	-55/+125	°C

### Power derating Versus temperature



#### **SPECIFICATION**

## **OTHER CHARACTERISTICS**