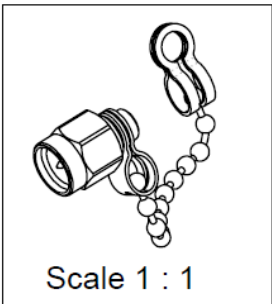
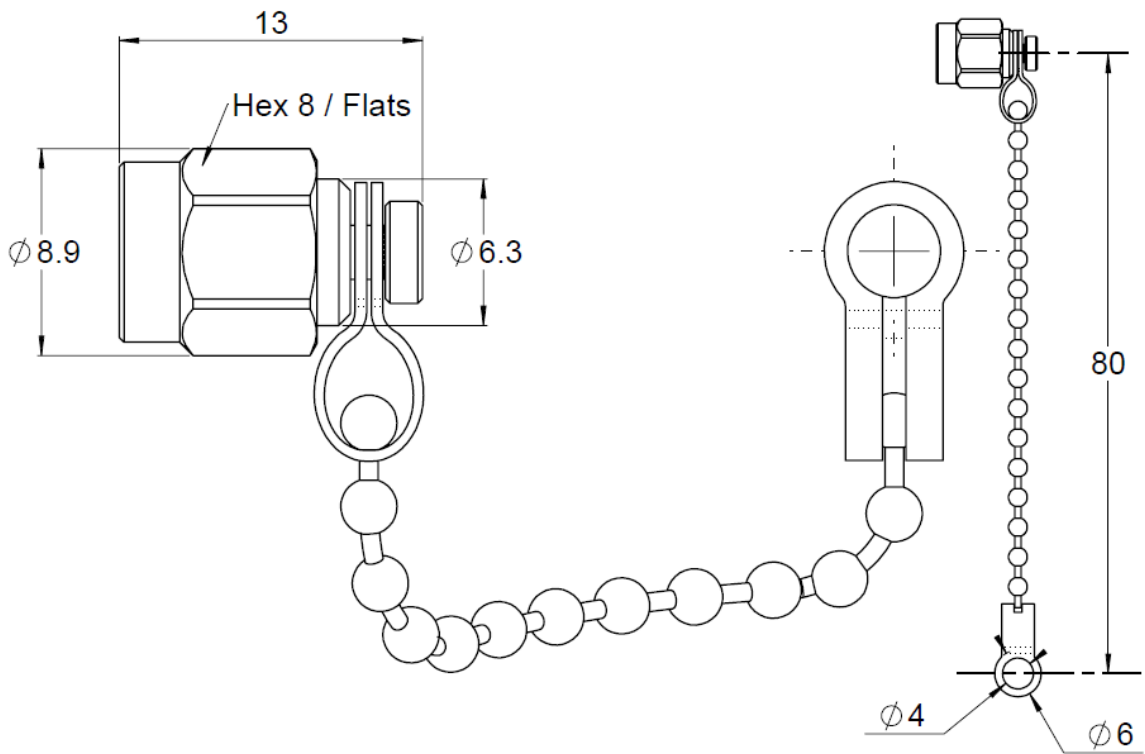
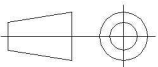


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All dimensions are in mm. Tolerances according ISO 2768 c-K



COMPONENTS	MATERIALS	PLATING (μm)
Body	STAINLESS STEEL	PASSIVATED.
Center contact	BRASS	GOLD 0.2 OVER NICKEL PHOSPHORUS 2
Outer contact	STAINLESS STEEL	GOLD 0.2 OVER NICKEL 2
Insulator	PTFE	
Gasket	SILICONE RUBBER	
Substrate	ALUMINA CERAMIC	
Resistor	THICK FILM	
Others parts		

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SERIES
TERMINATION

PART NUMBER **R404N01121**

ELECTRICAL CHARACTERISTICS

Frequency (GHz)	DC - 8	8 - 12.4	12.4 - 18
V.S.W.R (≤)	1.2	1.25	1.3

Operating Frequency Range	DC - 18	GHz
Impedance	50	Ω
DC Resistance	50	Ω ± 5%
Peak power at 25°C (1μs, 1%)	100	W
Average power at 25°C	2 ⁽¹⁾	W (Free Air Cooled)
		W (Conduction Cooled)

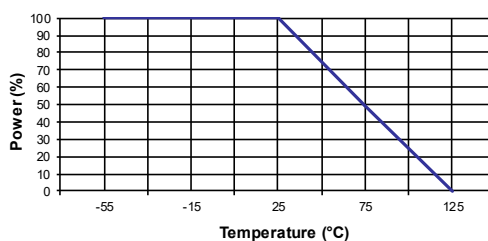
MECHANICAL CHARACTERISTICS

Connectors	SMA	Male	MIL C 39012 ⁽²⁾
Weight (±15%)	4.3400 g		

ENVIRONMENTAL CHARACTERISTICS

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

Power derating Versus temperature



SPECIFICATION

OTHER CHARACTERISTICS

IP67 in mated conditions

Notes:

(1) Compliant with endurance requirement per MIL DTL 39030

(2) Insertion force of the female contact on the mating connector