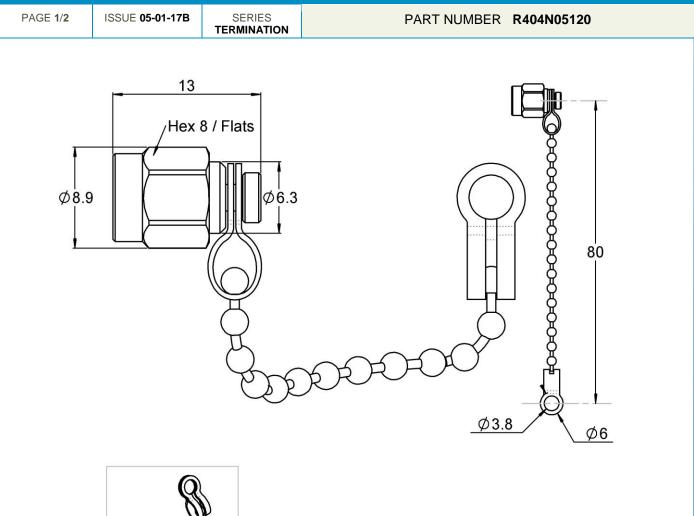
## **Technical Data Sheet**



SMA MALE COAXIAL TERMINATION 18 GHZ 1W CHAIN





All dimensions are in mm.

 $\square \oplus$ 

COMPONENTS	MATERIALS	PLATING (μm)	
Body	STAINLESS STEEL	PASSIVATED	
Center contact	BRASS	-	
Outer contact	STAINLESS STEEL	-	
Insulator	PTFE		
Gasket	SILICONE RUBBER		
Substrate	ALUMINA CERAMIC		
Resistor	THICK FILM		
Others parts	-	-	

This document contains proprietary information and such information shall not be disclosed to any third party for any purpose whatsoever or used for manufacturing purposes without prior written agreement from Radiall. The data defined in this document are given as an indication, in the effort to improve our products; we reserve the right to make any changes judged necessary.

## **Technical Data Sheet**



SMA MALE COAXIAL TERMINATION 18 GHZ 1W CHAIN

GE <b>2/2</b>	ISSUE O	5-01-17B	SERIES TERMINATIO	ON	PART NI	JMBER	R404N05120
			ELE	ECTRICAL CHA	ARACTERISTICS		
Г	Frequency (G	iHz)	DC - 8	8 - 12.4	12.4 - 18		
Ē	V.S.W.R (≤)		1.10	1.15	1.20		
Operating Frequency Range		nge	DC - 18			łz	
Impedance			50		Ω		
	DC Resistance			50			± 5%
	Peak power at		, 1‰)	100		W	
4	Average power	at 25°C		1			(Free Air Cooled)
						VV	(Conduction Cooled)
	Connectors		MA		ARACTERISTICS Male		MIL C 39012
١	Weight	4	<b>,2300</b> g				
		Sto	rage temperatur	e range	-55/+12	25 °C	
		Sto	rage temperatur	e range	-55/+12	<b>25</b> °C	]
				Power derating Ve	ersus temperature		
				Power derating Ve	ersus temperature		
			90 80	Power derating Ve	ersus temperature		
			90 80 70 60	Power derating Ve	ersus temperature		
			<b>Power</b> (%)	Power derating Ve	ersus temperature		
			Bower (%)				
			90 80 (%) Java 50 60 60 60 70 80 70 80 70 80 70 80 90 80 70 80 70 80 70 80 70 80 70 80 70 80 70 80 70 80 70 80 70 80 70 80 70 80 70 80 70 80 70 80 70 80 70 70 80 70 70 70 70 70 70 70 70 70 70 70 70 70	5 -15	25 75 125		
			Bower (%)	5 -15			
			Bower (%)	5 -15	25 75 125		
			Bower (%)	5 -15	25 75 125 erature (°C)		
			Bower (%)	5 -15	25 75 125 erature (°C)		
			Bower (%)	5 -15	25 75 125 erature (°C)		
			90 70 (%) amod 10 0 -5	5 -15 Tempo SPECIFIC	25 75 125 erature (°C)		
			90 70 (%) <b>boomer</b> 10 0 -5	5 -15	25 75 125 erature (°C)		
	IP	67 in mate	90 70 (%) amod 10 0 -5	5 -15 Tempo SPECIFIC	25 75 125 erature (°C)		
	IP	67 in mate	90 70 (%) <b>boomer</b> 10 0 -5	5 -15 Tempo SPECIFIC	25 75 125 erature (°C)		
	IP	67 in mate	90 70 (%) <b>boomer</b> 10 0 -5	5 -15 Tempo SPECIFIC	25 75 125 erature (°C)		
	IP	67 in mate	90 70 (%) <b>boomer</b> 10 0 -5	5 -15 Tempo SPECIFIC	25 75 125 erature (°C)		
	IP	67 in mate	90 70 (%) <b>boomer</b> 10 0 -5	5 -15 Tempo SPECIFIC	25 75 125 erature (°C)		
	IP	67 in mate	90 70 (%) <b>boomer</b> 10 0 -5	5 -15 Tempo SPECIFIC	25 75 125 erature (°C)		
	IP	67 in mate	90 70 (%) <b>boomer</b> 10 0 -5	5 -15 Tempo SPECIFIC	25 75 125 erature (°C)		

This document contains proprietary information and such information shall not be disclosed to any third party for any purpose whatsoever or used for manufacturing purposes without prior written agreement from Radiall. The data defined in this document are given as an indication, in the effort to improve our products; we reserve the right to make any changes judged necessary.