## **Technical Data Sheet** SMA ATTENUATOR 10 DB 2 GHZ 50/80W

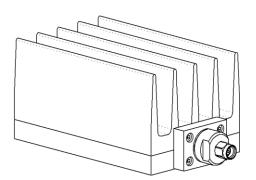
66

Radiall 💓

PAGE 1/2

ISSUE 17-08-18B SERIES ATTENUATOR PART NUMBER R417810128 \_24 max. 102,1 28 max. 55 max. 11,4 0 0 ۲ *\*6 0 4 Holes M4 40 31 48

depth 10 min.



All dimensions are in mm. Tolerances according ISO 2768 m-H



COMPONENTS	MATERIALS	PLATING (μm)
Body	STAINLESS STEEL	PASSIVATED
Male center contact	BERYLLIUM COPPER	<b>GOLD 0.5 OVER NICKEL PHOSPHORUS 2</b>
Female center contact	BERYLLIUM COPPER	<b>GOLD 0.5 OVER NICKEL PHOSPHORUS 2</b>
Outer contact		
Insulator	PTFE	
Gasket	SILICONE RUBBER	
Substrate	ALUMINA	
Resistor	THICK FILM	
Others parts	ALUMINIUM	BLACK PAINTING

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 ATTENUATOR 10 DB 2 GHZ 50/80W



	1550E	17-08-18B	SERIE ATTENUA		PAR	T NUMBER	R417810128
			F		HARACTERISTICS		
-		1					
	quency (G⊦ .W.R (≤)	lz)	DC - 1 1.10	1 - 2 1.25			
	iation(±dB)		1.0	1.0			
	, ,	ł		•			
Ope	rating Freq	uency Ran	ge		DC - 2		GHz
Impedance		50			Ω		
Nominal Attenuation			10		dB		
Peak power at 25°C (1µs, 1‰) Average power at 25°C		5000 50			W W (Free Air Cooled)		
7.00	lage power	ut 20 0			80		W (Conduction Cooled)
For	conductio	n cooling,	a plate 1000 c	m2 x 3 mm(156	sq.in*1/8) min. is r	equired	
			N	IECHANICAL C	HARACTERISTICS		
Con	nectors		SMA		e Female		MIL-C 39012
Weig		, i	602,5900	g	eremale		WIL-C 39012
				rature range		5/+125 °C	
		St	orage temperat			5/+125 °C	
		St		ture range	-55		
		St		Power derating	25 75 12		
		St	0rage temperat	Power derating	-55 Versus temperature	5 <b>/+125</b> °C	
		St	0rage temperat	Power derating	25 75 12	5 <b>/+125</b> °C	
		St	0rage temperat	Power derating	-55 Versus temperature	5 <b>/+125</b> °C	
		St	0rage temperat	Power derating	-55 Versus temperature	5 <b>/+125</b> °C	
		St	0rage temperat	Power derating	-55 Versus temperature	5 <b>/+125</b> °C	
		St	0rage temperat	Power derating	-55 Versus temperature	5 <b>/+125</b> °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.