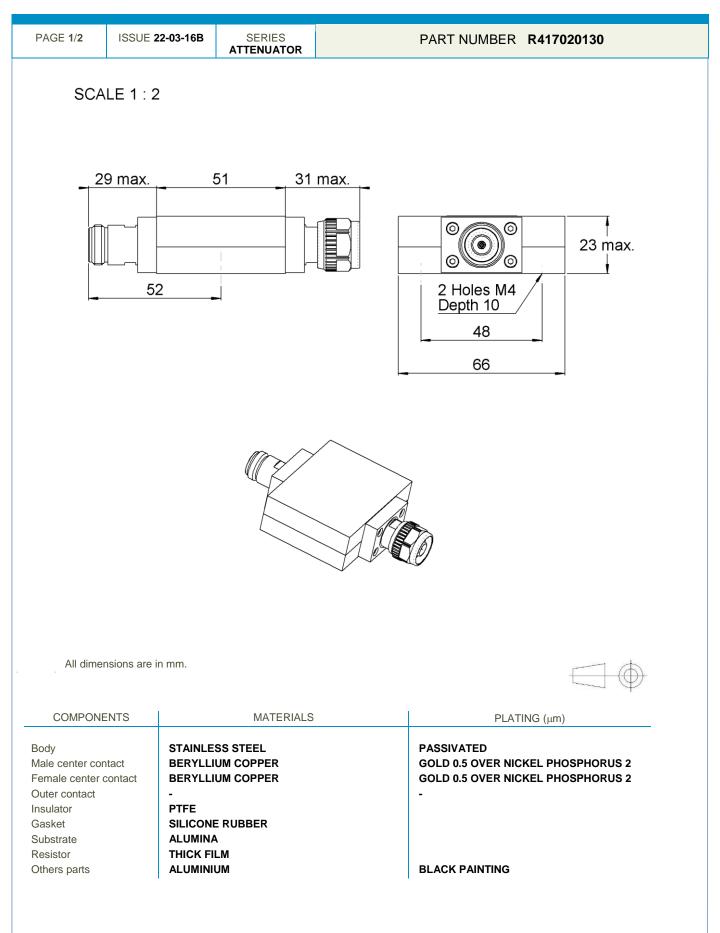
**Technical Data Sheet** 

N ATTENUATOR 20 DB 3 GHZ 50W



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## **Technical Data Sheet**

N ATTENUATOR 20 DB 3 GHZ 50W



<section-header></section-header>	E 2/2	ISSUE 22-0	03-16B	SERI ATTENU	ES ATOR		PART NU	MBER <b>R417020130</b>	
						CHARACTERI	STICS		
V.S.W. R.(s)1.101.251.35Deviation (t:dB)2.002.002.00DC - 3GHzImpedance500Nominal Attenuation20dBPeak power at 25°C (typ., 1%o)5000W (Conduction Cooled)Tor conduction cooling, a plate 500 cm2 x 3 mm(78 sq.in*1/8) min. is requiredMECHANCAL CHARACTERISTICSConnectorsNMale FemaleMil-C 390129Connectors NMile remain55 /+125ConnectorsNMile remain-55 /+125Connectors10Mile remain-55 /+125Connectors10Mile remain-55 /+125Mile remain-55 /+12									
Deviation(±dB)2.002.002.00Operating Frequency RangeDC - 3GHzImpedance50ΩNominal Attenuation20dBPeak power at 25°CW (Free Air Cooled)For conduction cooling, a plate 500 cm2 x 3 mm(78 sq.in*1/8) min. is requiredMECHANICAL CHARACTERISTICSConnectorsNMale FemaleMIL-C 39012Operating temperature range-55 /+125°CStorage temperature range-55 /+125°CStorage temperature range-55 /+125°COperating temperature range-55 /+125°CStorage temperature range-55 /+125*CStorage temperature range-55 /+125*CStorage temperature range-55 /+125*CStorage temperature range <t< th=""><th colspan="2">-</th><th></th><th></th><th colspan="2"></th><th></th><th></th></t<>	-								
Qperating Frequency Range       DC - 3       GHz         Impedance       50       Ω         Nominal Attenuation       20       dB         Peak power at 25°C       50       W (Free Air Cooled)         For conduction cooling, a plate 500 cm2 x 3 mm(78 sq.in*1/8) min. is required       W (Gree Air Cooled)         MECHANICAL CHARACTERISTICS         Connectors       N       Male Female       ML-C 39012         Weight       290,4100       g       Storage temperature range       -55 /+125       °C         Operating temperature range       -55 /+125       °C         Storage temperature range       -55 /+125       °C         9000000000000000000000000000000000000	-								
Impedance       50       Ω         Nominal Attenuation       20       dB         Peak power at 25°C (1µs, 1%a)       5000       W         Average power at 25°C       0       W (Free Air Cooled)         For conduction cooling, a plate 500 cm2 x 3 mm(78 sq.in*1/8) min. is required       McConduction Cooled)         Dectance       Male Female       ML-C 39012         Meight       290,4100       g         Connectors       N       Male Female       ML-C 39012         Deprating temperature range       -55 /+125       °C         Storage temperature range       -65 /+125       °C         Storage temperature range       -65 /+125       °C         Mei definition       -6       -6       -6         Storage temperature range       -6       -6       -6         Mei definition       -6       -6       -6       -6         Mei definition       -6       -6       -6       -6									
Impedance       50       Ω         Nominal Attenuation       20       dB         Peak power at 25°C (1µs, 1%a)       5000       W         Average power at 25°C       0       W (Free Air Cooled)         For conduction cooling, a plate 500 cm2 x 3 mm(78 sq.in*1/8) min. is required       McConduction Cooled)         Dectance       Male Female       ML-C 39012         Meight       290,4100       g         Connectors       N       Male Female       ML-C 39012         Deprating temperature range       -55 /+125       °C         Storage temperature range       -65 /+125       °C         Storage temperature range       -65 /+125       °C         Mei definition       -6       -6       -6         Storage temperature range       -6       -6       -6         Mei definition       -6       -6       -6       -6         Mei definition       -6       -6       -6       -6	0	perating Frequ	encv Ran	ae		DC - 3		GHz	
Peak power at 25°C (1µs, 1%0)       5000       W         Average power at 25°C       50       W (Free Air Cooled)         For conduction cooling, a plate 500 cm2 x 3 mm(78 sq.in*1/8) min. is required       W (Conduction Cooled) <b>MECHANICAL CHARACTERISTICS</b> Connectors       N       Male Female       MIL-C 39012         Weight       230,4100       g       Storage temperature range       -55 /+125       °C         Operating temperature range       -55 /+125       °C       °C       °C         Storage temperature range       -55 /+125       °C       °C         Operating temperature range       -55 /+125       °C         Operating temperature (°C)         SPECIFICATION				90					
Average power at 25°C       W (Free Air Cooled)         For conduction cooling, a plate 500 cm2 x 3 mm(78 sq.in*1/8) min. is required       W (Conduction Cooled)         December 2       Mate Female       ML-C 39012         Weight       290,4100 g       G         ENVIRONMENTAL CHARACTERISTICS         Operating temperature range       -55 /+125 °C         Storage temperature range       -55 /+125 °C         Very detailing Versus temperature       -55 /+125 °C         Operating temperature range       -55 /+125 °C         Very detailing Versus temperature       -55 /+125 °C         Very detailing Versus temperature       -55 /+125 °C         Specification         Specification	N	ominal Attenua	ition			20		dB	
50       W (Conduction Cooled)         For conduction cooling, a plate 500 cm2 x 3 mm(78 sq.in*1/8) min. is required         MECHANICAL CHARACTERISTICS         Connectors       N       Male Female       MIL-C 39012         Weight       290,4100       g         Connectors N       Male Female       MIL-C 39012         Operating temperature range       55 /+125       °C         Storage temperature range       -55 /+125       °C         Over derating Versus temperature         OVER derating Versus temperature <td colsp<="" td=""><td></td><td></td><td></td><td>1%0)</td><td></td><td>5000</td><td></td><td></td></td>	<td></td> <td></td> <td></td> <td>1%0)</td> <td></td> <td>5000</td> <td></td> <td></td>				1%0)		5000		
For conduction cooling, a plate 500 cm2 x 3 mm(78 sq.in*1/8) min. is required         MECHANICAL CHARACTERISTICS         Connectors       N       Male Female       MIL-C 39012         Weight       290,4100       g         Connectors N       Male Female       MIL-C 39012         Determine temperature range       -55/+125       °C         Storage temperature range       -55/+125       °C         Storage temperature range         -55/+125       °C         Storage temperature range       -55/+125       °C         -55/-125       °C       °C         Storage temperature range       -55/+125       °C         -55/-125       °C       °C         -55/-125       °C       °C         -55/-125       °C       °C         -55/-125       °C       °C         -55/-55       -55/-55       -55/-55         -55/-55       -55/-55       -55/-55         SPECIFICATION       SPECIFICATION	Average power a		at 25°C			50			
DECHANICAL CHARACTERISTICS <u>Nale Female</u> ML-C 39012Veight290,4100gCNIRONMENTAL CHARACTERISTICS <u>Operating temperature range</u> -55 /+125CStorage temperature range-55 /+125-CStorage temperature range-55 /+125-COver derating Versus temperatureImage: Market and the storage temperature rangeOver derating Versus temperatureImage: Market and the storage temperature rangeOver derating Versus temperatureImage: Market and the storage temperature rangeImage: Market and temperatureImage: Market and temperatureIma	E/	or conduction	cooling	a plate 500			in is required		
Operating temperature range-55 /+125°COperating temperature range-55 /+125°COver derating Versus temperatureOperating	W	eight	290,4	1 <b>00</b> g					
Storage temperature range       -55 /+125       °C         Power derating Versus temperature				EN	VIRONMENT				
Power derating Versus temperature							RISTICS		
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<b>(v)</b> <b>v</b> <b>v</b> <b>v</b> <b>v</b> <b>v</b> <b>v</b> <b>v</b> <b>v</b>				erating temp	erature range		-55 /+125		
Temperature (°C) <u>SPECIFICATION</u>				erating temperating temperating temperation	erature range ature range		-55 /+125 -55 /+125		
				arating temperating temperating temperating temperating temperating (%) second	Power derat	ing Versus tempera	-55 /+125 -55 /+125 ture		
OTHER CHARACTERISTICS				arating temperating temperating temperating temperating temperating (%) second	Power derat	ing Versus tempera	-55 /+125 -55 /+125 ture		
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