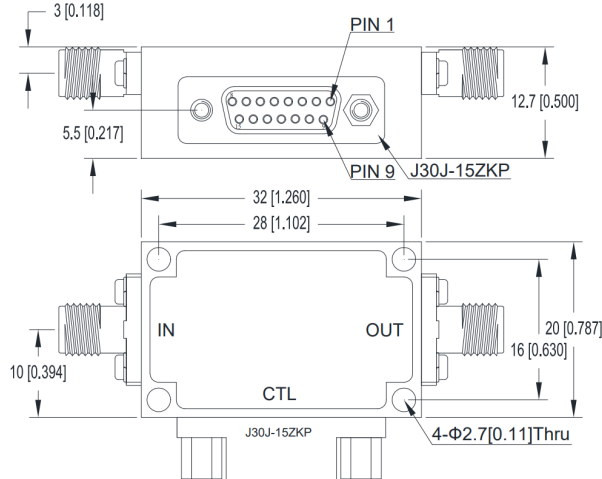


SMA Digital Controlled Attenuator, RAD12S6-31-05

8-12GHz, .32W, 0-31.5dB, 0.5dB Step Size, Bidirectional, Rectangular

Dimensions(mm) Tolerance±1%



Electrical & Environmental

Frequency Range	8-12GHz	Impedance	50 ohm	VSWR	2 max
Input Avg Power	0.32W @25°C	Peak Power	-		
Temp Coefficient	-	Attenuation	0-31.5dB, 0.5dB Step Size, Insertion Loss 4.7 dB max		
Control Bits	6Bits	Power supply	5V, "0" — 0-0.5V "1" — +3-+5V		
Direction	SMA female to SMA female				

Mechanical & Product Information

Product Number	RAD12S6-31-05, Professional	Connector	SMA
Connector Body	Passivated stainless steel	Heat Sink	N/A
Center Contact	Gold plated brass, Gold plated beryllium copper		
Operating Temp	-55°C to +85°C	Net Weight	About 25.0g

Attenuation&Accuracy(8-12GHz)

Attenuation(dB)	0.5-16	17.5-31.5
Accuracy(dB)	±0.5	±0.8

Control Mode

ATT(dB)	C1	C2	C3	C4	C5	C6
Direct state	0	0	0	0	0	0
0.5	1	0	0	0	0	0
1.0	0	1	0	0	0	0
2.0	0	0	1	0	0	0
4.0	0	0	0	1	0	0
8.0	0	0	0	0	1	0
16.0	0	0	0	0	0	1
31.5	1	1	1	1	1	1



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