



Eyal Microwave Ltd.

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DIGITAL CONTROLLED ATTENUATOR

MODEL: SA-025035-7-05

SPECIFICATIONS

PROJECT: 2340/7

CHARACTERISTIC	7 BIT D.C.A	
Frequency Range (GHz)	250÷350 MHz	
Attenuation Range	63.5 dB	
Insertion Loss (Max.)	6.5 dB	
VSWR (max)	In/out	2.0:1
Number of Bits	7	
Least Significant Bit (LSB)	0.5 dB	
Monotonicity	G U A R A N T E E D	
Accuracy of Mean Attenuation	0 to 15 dB	±0.4 dB
	16 to 40 dB	±0.7 dB
	41 to 63.5 dB	±1.0 dB
Attenuation Flatness	0 to 15 dB	±0.3 dB
	16 to 40 dB	±0.4 dB
	41 to 63.5 dB	±1.0 dB
Power Handling	23 dBm	
Switching Time	100 nSec	
Rise and Fall Time	-	
Switch Rate	0.5 MHz	
Control Logic	"1" = Atten. "0": I.L.	
Control Input	True TTL gate	
Power Supply	+5V = ±2% @ 230 mA	
SIZE	DC2/11	

Operating temperature: -10°C to +50°C

Storage temperature: -40°C to +80°C

Relative humidity: 95%