CDAT-2M10G-63-6 is an digital controlled attenuator that operates over the 2 MHz to 10 GHz frequency range. This model utilizes 6 bits control, the corresponding attenuation is 0-63 dB.

Features:

- •Very wide band operation 2MHz-10GHz
- •63db attenuation range
- •Low step and accumulated error

Specifications:

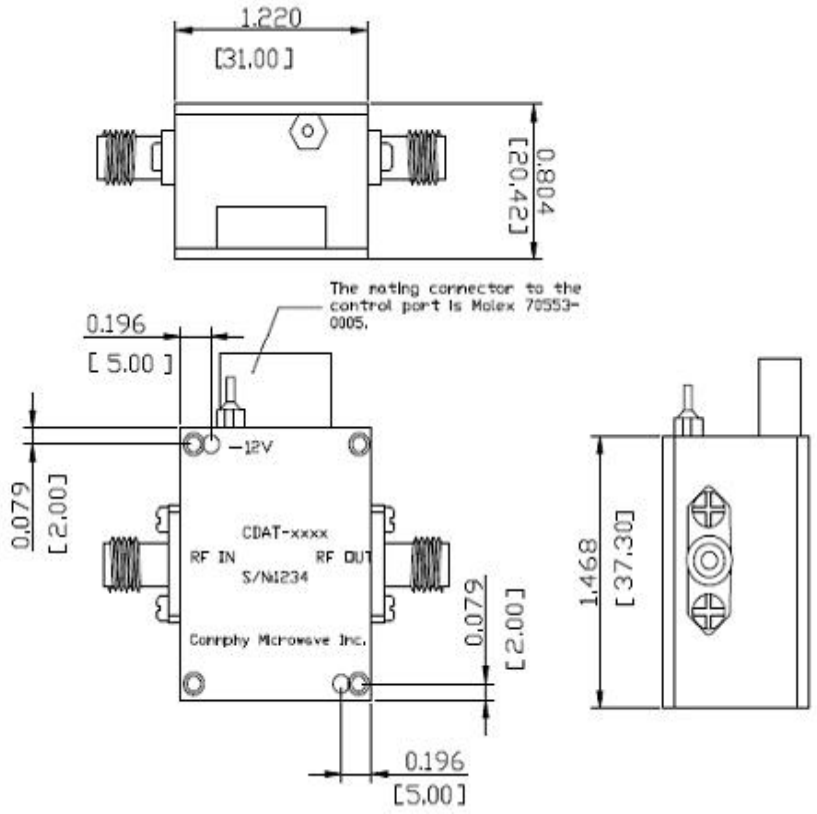
Frequency Range:	2 MHz-10 GHz	
Attenuation Range:	0 to 63 dB	
Insertion Loss:	9.5 dB Max	
Accuracy:	+/- 0.3 + 3% of attenuation setting	0-15dB
	+/- 0.3 + 5% of attenuation setting	16-63dB
VSWR:	2.0:1 Max	
Control bits:	6 Bit	
Step:	1,2,4,8,16,32 dB	
Control Logic:	TTL high on	
Operating Input Power:	+27 dBm CW Typ.	
DC voltage:	-12 V @50 mA	
Connector:	SMA female	
Switching speed:	90 ns Typ	

Notes:Attenuation is failsafe to “0” setting in the absence of a control voltage as long as the -12 V is applied.Application of voltage (+) to a particular cell causes it to switch to the attenuate position. These levels are compatible with TLL levels, The threshold for a high is 2 V.

Environmental Ratings:

Temperature:	-25°C to +71 °C Operating
	-65 °C to +100 °C Non-Operating
Vibration:	MIL-STD-202F, Method 204D Cond. B
Altitude:	MIL-STD-202F, Method 105C Cond. B
Temperature Cycle:	MIL-STD-202F, Method 107D Cond. A

Mechanical Outline (inch/mm):



Digital Controlled Attenuator CDAT-2M10G-63-6			
DRAWN:	DWG NO.:	REV CODE: Rev.1.0	CONNPHY Microwave Inc. www.connphy.com sales@connphy.com
CHECKRD:	DATE: 08/07/15	SHEET : 1 OF 1	
ISSUED:	SIZE: A	SCALE : N / A	Notes: SPEC ARE SUBJECT TO CHANGE WITHOUT NOTICE.