

Model: TLVA4G8G-64-10

Voltage Controlled Attenuator 4-8G, 40dB Range

Feature:

- Ultra Wide Band: 4-8G
- Attenuation Range: 64 dB Typ
- Insertion Loss: 5dB Typ
- High Attenuator Accuracy

Electrical:

Parameter	Min.	Typ.	Max.	Units
Output Frequency	4		8	GHz
Insertion Loss		5		dB
Attenuation Range		64		dB
Input VSWR		2.5		:1
Output VSWR		2.5		:1
DC Voltage		0	12	V
CTL Voltage	0		15	V
Impedance		50		Ohms

Mechanical :

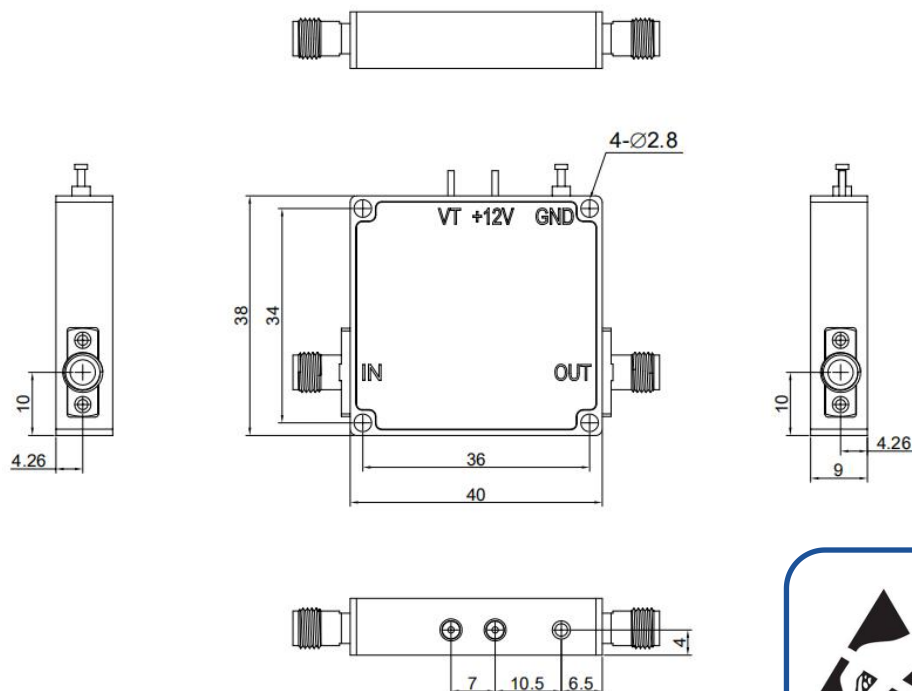
Parameter	Value	Units
Output Connector	SMA Female	
Input Connector	SMA Female	
Bias	Solder Pin	
Size	40*38*9	mm

Absolute Maximum Ratings:

Parameter	Value
Supply Bias Voltage	+15V
RF Input Power	+23dBm
ESD sensitivity (HBm)	Class 0, passed 150V

Outline Drawing:

Unit: mm



OBSERVE PRECAUTIONS
ELECTROSTATIC SENSITIVE
DEVICES

Environmental Conditions:

Parameter	Min.	Typ.	Max.	Units
Operating Temperature	0		55	°C
Non-operating Temperature	-25		+65	°C
Relative humidity		95		%
Altitude	50,000			feet
Shock / Vibration(MIL-STD-810F)	25g rms (15 degree 2KHz) endurance, 1 hour per axis			
Shock(non operating)	20G for 11msc half sin wave,3 axis both directions			

Ordering Information:

Part Number	Description	Revision
TLVA4G8G-64-10	4-8G,Voltage Controlled Attenuator	Rev.1.1