

Model: TLVA0.1G40G-40-10
Voltage Controlled Attenuator
0.1-40 GHz, 40 dB Range
Feature:

- Ultra Wide Band: 0.1-40 GHz
- Attenuation Range: 40 dB Typ
- Insertion Loss: 10 dB Typ
- High Attenuator Accuracy

Electrical Specifications:

Parameter	Min	Typ	Max	Units
Frequency range	0.1-40			GHz
Insertion Loss		10		dB
Attenuation Range		40		dB
Input VSWR		2.5		:1
Output VSWR		2.5		:1
Input Max Power			26	dBm
DC Voltage	0	10		V DC
DC Supply Current		30		mA
Impedance	50			Ohms

Mechanical Specifications:

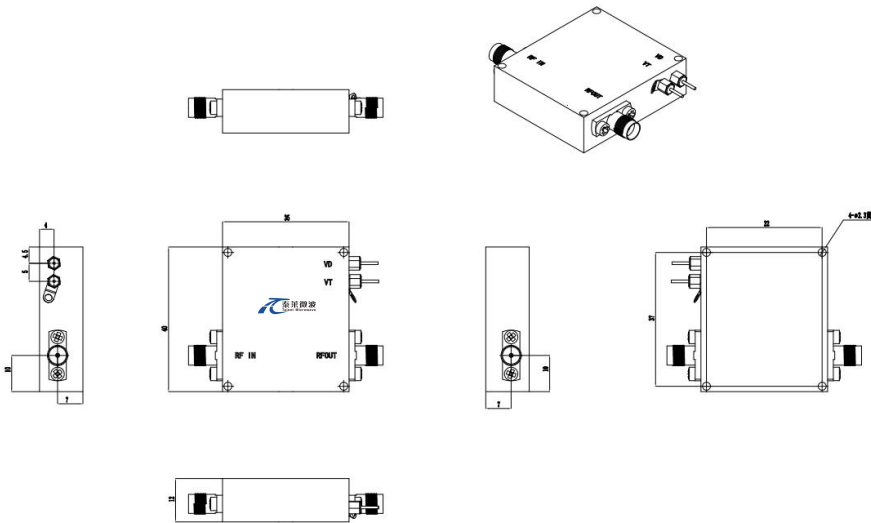
Parameter	Value	Units
Input /Output Connector	2.92mm Female/2.92mm Female	
Control Connector	Pin	
Size	35*40*12	mm
Material	/	

Absolute Maximum Ratings:

Parameter	Value
Supply Bias Voltage	TBD
RF Input Power	26 dBm
ESD sensitivity (HBm)	Class 0, passed 150V

Outline Drawing:

Unit: mm



Note:VD:+5V;VT:0~10V



OBSERVE PRECAUTIONS
ELECTROSTATIC SENSITIVE
DEVICES

Environmental Conditions:

Parameter	Min	Typ	Max	Units
Operating Temperature	-45		+85	°C
Non-operating Temperature	-55		+125	°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
TLVA0.1G40G-40-10	Voltage Controlled Attenuator 0.1-40 GHz, 40 dB Range,2.92mm Female	Rev.1.1