

Model: TLVA060090-36-12
**Voltage Controlled Attenuator
 60-90 GHz, 36 dB Range**
Feature:

- Ultra Wide Band: 60-90 GHz
- Attenuation Range: 36 dB Typ
- Insertion Loss: 5 dB Typ
- High Attenuator Accuracy

Electrical Specifications:

Parameter	Min	Typ	Max	Units
Frequency range	60-90			GHz
Insertion Loss		5	8	dB
Attenuation Range		36		dB
Input VSWR		2		:1
Input Max Power		15		dBm
Control Voltage Range	-5		0	V
Control Current		0.5		mA
Impedance	50			Ohms

Mechanical Specifications:

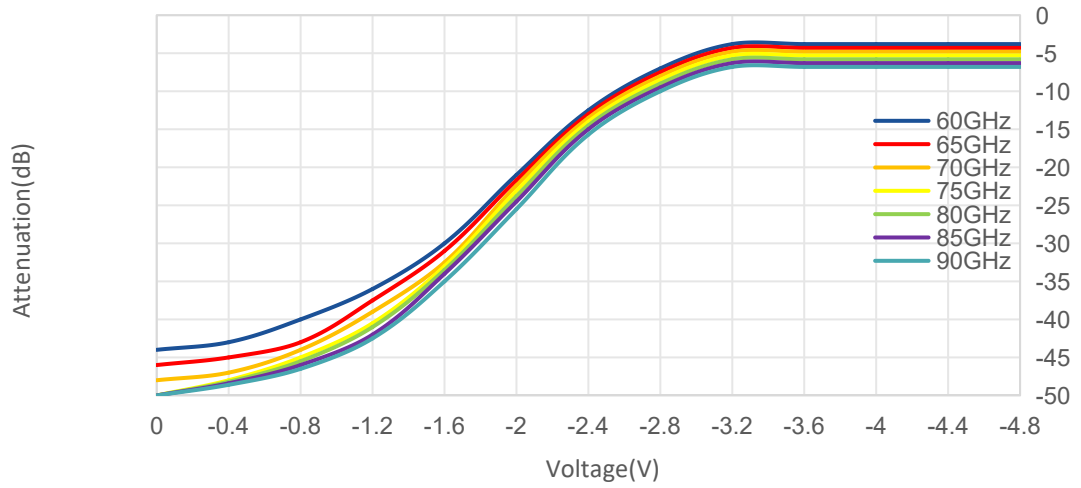
Parameter	Value	Units
Input /Output Connector	WR-12/UG-387/U	
Control Connector	Pin	
Size	30*20*20	mm
Material	Brass gold plated	

Absolute Maximum Ratings:

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

Typical Performance Data:

Attenuation vs Voltage



Note: Above data is for ref only, actual data may vary from unit to unit depending on operating environment and other factors like material lots etc.