

Model: TLVP18G26.5G-360
**Voltage Controlled Phase Shifter
 18-26.5GHz ,2.92 Female**
Feature:

- Frequency Range: 18-26.5GHz
- High Phase Shift Accuracy
- High Phase Shift Range
- Single Positive Control Voltage

Electrical Specifications:

Parameter	Min	Typ	Max	Units
Frequency range	18-26.5			GHz
Phase Range		360		°
Insertion Loss		7	10	dB
Input Return Loss		10		dB
Output Return Loss		10		dB
Control Voltage Range	0		16	V
Control Current		1		mA
Impedance	50			Ohms

Mechanical Specifications:

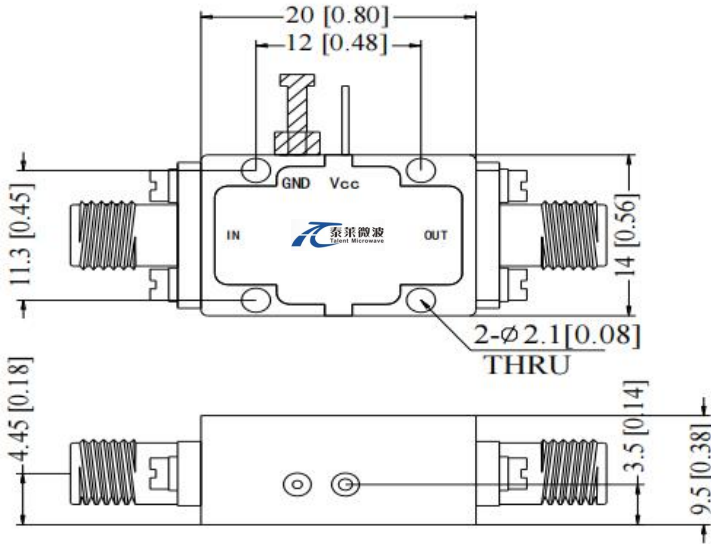
Parameter	Value	Units
Input /Output Connector	2.92 Female/2.92 Female	
Size	20*14*9.5	mm
Weight	/	g

Absolute Maximum Ratings:

Parameter	Value
Control Voltage Range	+18V
RF Input Power No damage	-
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	-45		+85	°C
Non-operating Temperature	-55		+125	°C
Relative humidity		95		%
Altitude	30,000			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
TLVP18G26.5G-360	Voltage Controlled Phase Shifter ,18-26.5GHz,SMA Female	Rev.1.1