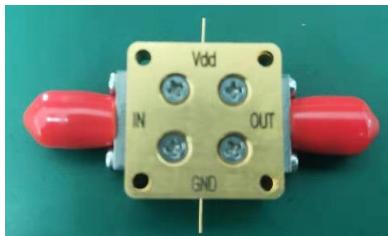


5-18GHz 180Degree Analog Phase Shifter

Description:



The AT-APS-0518-180 is an Analog Phase Shifter which is controlled via an analog control voltage from 0 to +13V. It provides a continuously variable phase shift of 0 to 180 degrees from 5GHz to 18GHz with consistent insertion loss versus phase shift. The phase shift is monotonic with respect to control voltage.

Feature

- ✓ Wide Band Operation 5-18GHz
- ✓ 180degree Phase Shift
- ✓ Low Insertion Loss
- ✓ Single Control Operation
- ✓ Customized Available

Application

- ✓ Point to Point Radios
- ✓ VSAT Radios
- ✓ Test Equipment
- ✓ Fiber Optic
- ✓ Military and Space

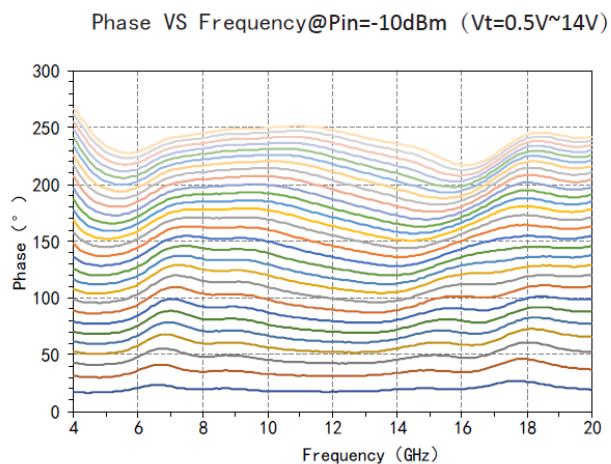
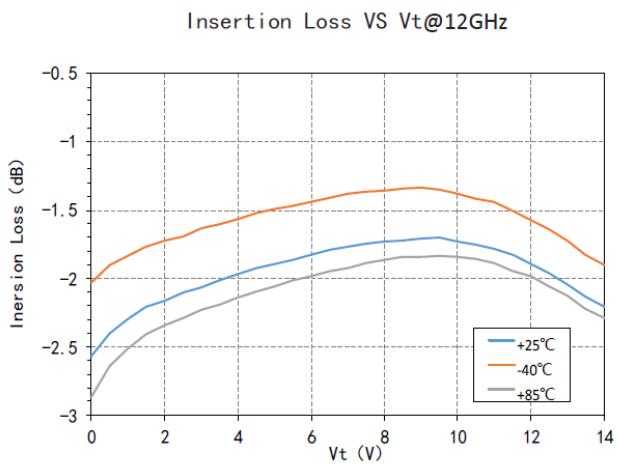
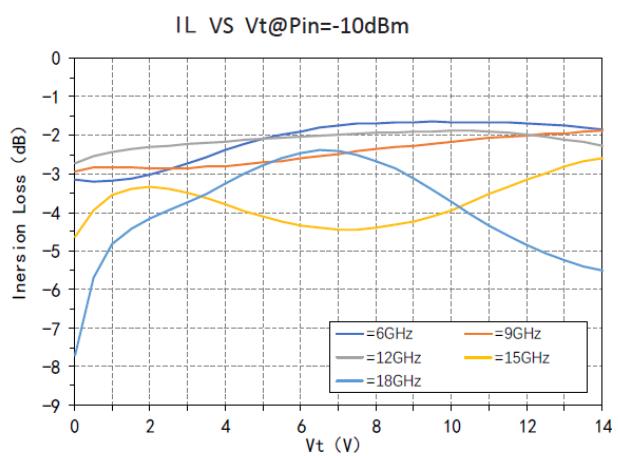
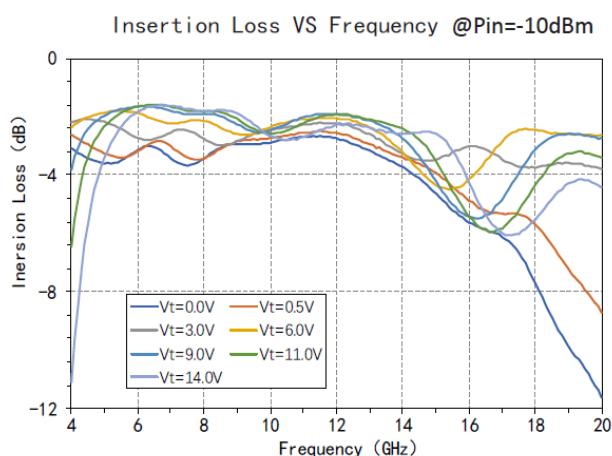
Electronical Specifications:

Parameter	Min	Typical	Max	Unit
Frequency Range		5-18		GHz
Phase Range		180	220	Degree
Insertion Loss		-2.5		dB
Return Loss		-15		dB
Control Voltage		0-13		V
Control Current		1		uA
Sensitivity		18		Deg/V
Response Time		0.14		us
Temperature Sensitivity		0.1		Degree/C
Connector		SMA Female		



Absolute Maximum Ratings Table

Parameter	Value
Control Voltage	-0.5 to +18V
RF Input Power	+15dBm
Operating Temperature	-40 to +85C
Storage Temperature	-65 to +150C
ESD Sensitive(HBM)	Class 1B

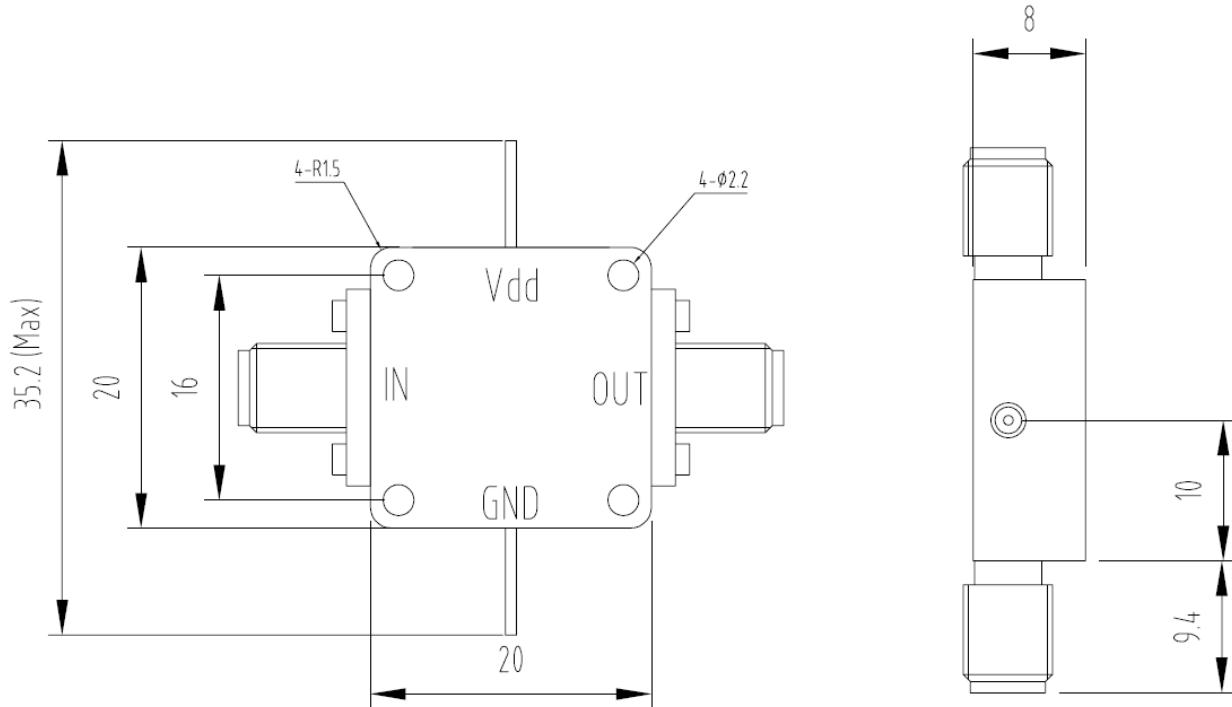




AT-APS-0518-180

Analog Phase Shifter, 5-18GHz, 180 degree

Dimension (TBD)



备注：图中接头型号为SMA阴头，高度9.4mm；若为2.92mm阴头或2.4mm阴头，相应高度分别为9.5mm和10.8mm

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