

FEATURES :

- **Wide Bandwidth**
- **High Power**
- **Integrated Control Logic**

SPECIFICATIONS

Frequency Range, [MHz]	100-2500
Insertion Loss, [dB] @1GHz	1.5
@2GHz	2.1
@2.5GHz	2.7
Isolation, [dB] 0.1 - 1GHz	25
1 - 2.5GHz	20
Return Loss, [dB] 0.1-1GHz	20
1 - 2.5GHz	15
Input 1dB C.P. min [dBm]	+35
Input IP ³ min [dBm]	+51

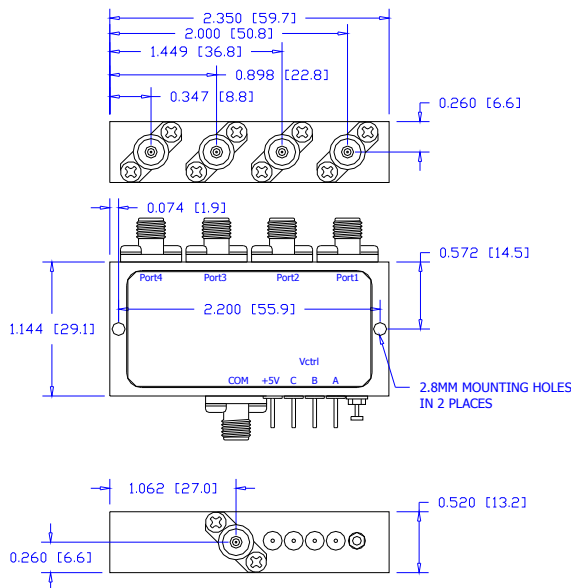
Operating Characteristics

Bias Supply voltage Vd, [V]	5
Control voltage Vc, [V]	0/5
Operating Temperature	0°C to +50°C
Impedance, [Ohm]	50

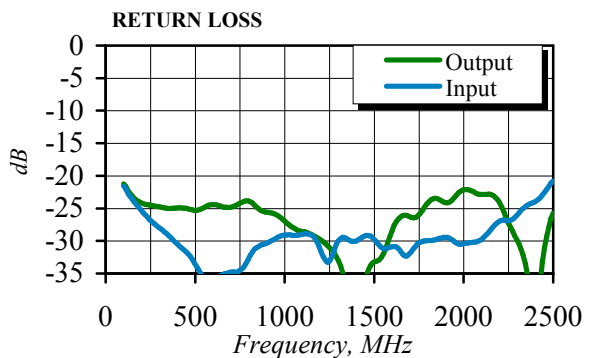
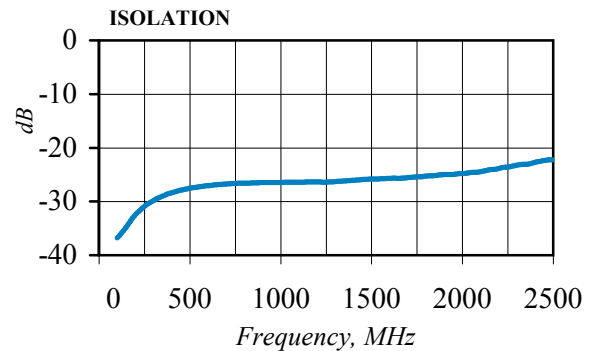
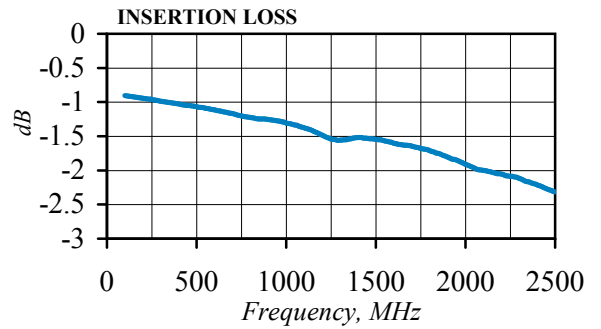
Absolute Maximum Ratings

Bias Voltage Range Vd, [V]	-0,2 to +12
Control voltage range Vc, [V]	-0,2 to Vd
Maximum input power, [dBm]	+38

Outline drawing dimensions in inches [mm]



Typical Performance



Control Logic truth table

Switch state	Vc1	Vc2	Vc3	RFC to RF1	RFC to RF2	RFC to RF3	RFC to RF4
1	1	0	0	Ins.I	Iso	Iso	Iso
2	0	1	0	Iso	Ins.I	Iso	Iso
3	0	0	1	Iso	Iso	Ins.I	Iso
4	0	0	0	Iso	Iso	Iso	Ins.I

Specifications Subject To Change Without Notice