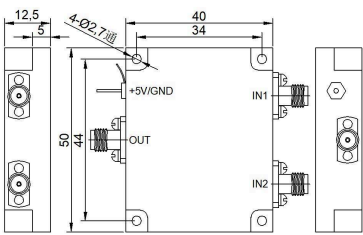


400–6000 MHz SPDT Switch Module with Two Bias Tees

The module combines three independent SPDT switches and two bias tees over 400–6000 MHz. Insertion loss is 2 dB typical, isolation 45 dB typical and switching time 200 ns typical.



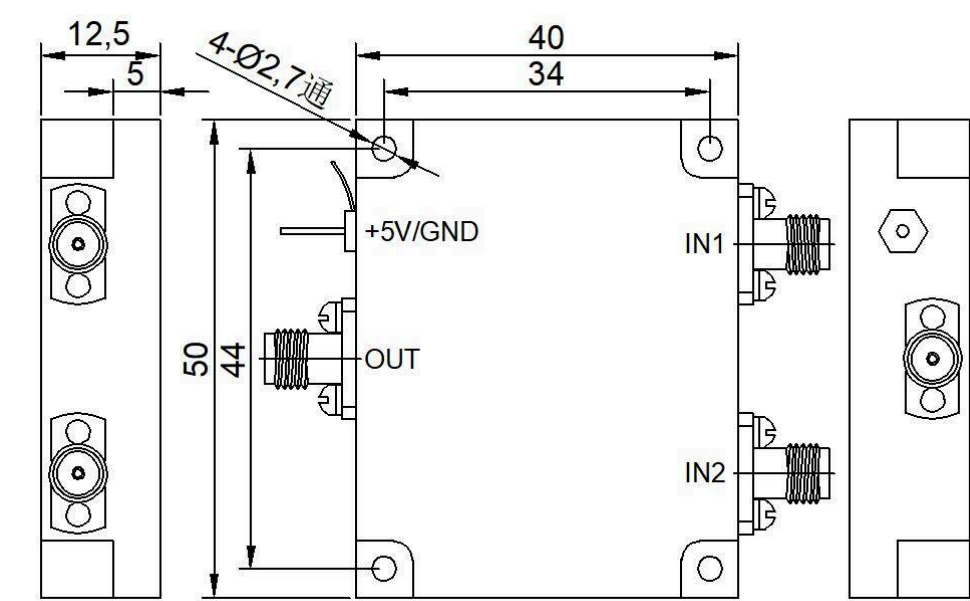
Electrical specifications

Parameter	Value	Unit	Notes
Frequency range	400–6000	MHz	Minimum: 400 MHz. Maximum: 6000 MHz.
Number of independent switches	3	-	-
Switch type	SPDT	-	-
Number of bias tees	2	-	-
Insertion loss	2	dB	Typical: 2 dB.
Isolation	45	dB	Typical: 45 dB.
Switching speed	200	ns	Typical: 200 ns.
Input/output VSWR	1.5	-	Typical: 1.5.
Supply voltage	+5	VDC	Typical: 5 VDC.
Current capability per port	250	mA	Typical: 250 mA.
Operating temperature	–40–+80	°C	Minimum: –40 °C. Maximum: 80 °C.
Storage temperature	–55–+125	°C	Minimum: –55 °C. Maximum: 125 °C.

Mechanical specifications

Parameter	Value	Unit
Dimensions	50 × 40 × 12.5	mm
Weight	≤125 (Maximum: 125 g.)	g

Mechanical Outline



All dimensions are in mm [in].

Interfaces and contacts

Parameter	Value	Unit
RF inputs — IN1	SMA-K	-
RF inputs — IN2	SMA-K	-
RF output — OUT	SMA-K	-

Document notice

Specifications are subject to revision. Before design release, confirm the current document revision and product-specific requirements with LCRF. The approved quotation and order documentation define the supplied configuration.