



FEATURE:

- ◆ High image suppression and isolation;
- ◆ Proper amplitude and phase balance;
- ◆ Operating temperature range: -50°C ~ +85°C.

SPECIFICATIONS:

ITEMS	Parameters
LO frequency	2-4GHz
RF frequency	2-4GHz
IF frequency	DC-0.5GHz
Conversion loss	7.5dB typ.
LO power	+15dBm
LO - RF isolation	43dB typ.
LO- IF isolation	20dB typ.
Image Rejection	30dBc typ.
Amplitude balance	±0.5dB typ.
Phase balance	±3° typ.
RF: VSWR	2:1 typ.
LO: VSWR	2:1 typ.
I Q:VSWR	2:1 typ.
RF , LO Connector	SMA-F(female)
IF Connector	SMA – F

ENVIRONMENTAL RATINGS:

Parameter	Min	Typical	Max	Units
Operating Temperature	-50		+85	°C
Non-operating Temperature	-55		+125	°C
Relative humidity		95		%

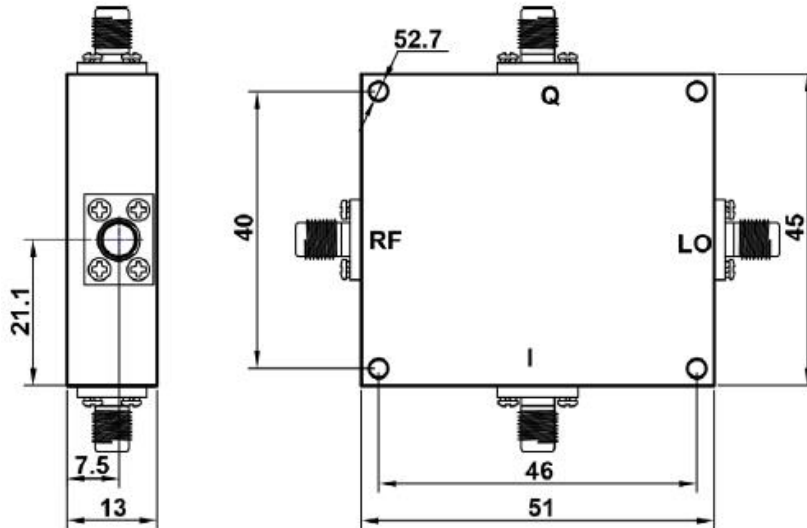


HENGWEI MICROWAVE

HWIQ0204

Altitude	10000		30000	feet
Shock / Vibration(MIL-STD-810F)		Airborne		

OUTLINE DRAWING(mm):



IQ1