

**FWI-140000-220000-R1**

G-band, 140~220GHz, 0.1W

**Features:**

- \* Broadband
- \* High Isolation
- \* Low Insertion Loss

**Applications:**

- \* Wireless
- \* Radar
- \* Laboratory Test

**Electrical**

Frequency:	140~220GHz
Insertion Loss:	3dB typ.
Isolation:	16dB min.
VSWR:	1.5 typ.
Power:	0.1W CW max.

**Absolute Maximum Ratings\*1**

RF Input Power: +20dBm

[1] Permanent damage may occur if any of these limits are exceeded.

**Mechanical\*2**

Interface*3:	WR-5 (BJ1800)
Flange:	UG-387/UM anti-cocking
Material:	Copper
Finish:	Gold-plating
Weight:	65g

[2] The isolator is magnetic sensitive device, keep it 2inch away from the strong magnetic fields.

[3] The input and output waveguides have some slanted direction, but it doesn't effect the performance, and it can be connected to the standard waveguide directly.

**Environmental**

Operating Temperature:	-40~+85°C
Non-operating Temperature:	-55~+105°C

**Outline Drawings**

To be done

Unit: mm [inch]

Tolerance: ±0.3mm [±0.012in]

**How To Order****FWI-140000-220000-R1**

Customization is available upon request.