

GGJ0505SMDO-1606-1626MHz

Applications

- Radar Systems
- Wireless Radio Systems
- Communication Systems
- Military
- Telecom Infrastructure
- Microwave Radio Systems
- R&D Labs

Description

Goghel is a single junction isolator offering a forward power rating of 10 Watt and reverse power rating of 2 Watt CW over an operational frequency band of 1606 to 1626 MHz. This smd isolator uses smd connectors on all ports and has a minimum of 15dB isolation.

Goghel offers a wide variety of isolators to fit your needs. These are SMD devices that transmit microwave or radio.

frequency power in one direction only and block the signal in the opposite direction. They can be thought of as a diode for RF energy.

Isolators are used to isolate equipment from the effects of conditions outside of the equipment. For instance they are used to prevent a microwave source being detuned by a mismatched load. Goghel's isolators feature excellent insertion loss, high isolation and reliability.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	1.606		1.626	GHz
Isolation	15			dB
Insertion Loss			0.6	dB
VSWR			1.43	
Forward Power, CW			10	Watts
Reverser Power, CW			2	Watts
Impedance			50	Ohms
Operating Temp	-40		85	°C

Mechanical Specifications

Size

Length	0.197 in [5mm]
Width	0.197 in [5mm]
Height	0.118 in [3mm]



Circulator & ISOLator Series

Configuration

Design	Single Junction
Package Style	SMD
Connector 1	P1
Connector 2	P6

CAD Drawing

Isolator With 15 dB Isolation From 1.606GHZ to 1.626GHz 10Watts And TAB

