

Isolator

AMS27G31G16.5

Revision record

Date	Version	Author	Revision description	Comment
2024/10/24	V1.0	Zhou	Created	/

Electrical specification

Parameter	Specification
Frequency range	27-31GHz
Insertion loss	P1→P2: 1.3dB max
Isolation	P2→P1: 16.5dB min(18dB typical)
VSWR	1.35 max
Forward Power/Reverse Power	1W/0.5W
Direction	clockwise
Operating Temperature	-40 °C to +75°C

Mechanical specification

Parameter	Specification
Dimension	L x W x H: 11.0mm x 5.0mm x 4.3max
Carrier plate coating/ Port connection	Silvering--/Gold wire bonding
Customer installation temp	< 200°C
Notes	Material shall be RoHS 6/6

Outline

