

# Stripline Isolator

## ACI0.7G1G14PIN

### Revision record

Date	Version	Author	Revision description	Comment
2024/11/11	V1.0	Zhou	Created	/

### Electrical specification

Parameter	Specification
Frequency range	0.7-1.0GHz
Insertion loss	P1→P2: 0.75dB max@+25°C P1→P2: 0.85dB max@-20 °C to +70°C
Isolation	P2→P1: 14dB min@+25°C P2→P1: 12dB min@-20 °C to +70°C
VSWR	1.50 max@+25°C 1.67 max@-20 °C to +70°C
Forward Power	150W CW
Termination/Attenuator (Watt/dB) of Isolators	100W / 30dB
Direction	clockwise
Operating Temperature	-20 °C to +70°C

### Mechanical specification

Parameter	Specification
Dimension	L x W x H: 31.7mm x 25.4mm x 10mm
Connector Type	Stripline: L x W x T: 2.3mm x 1.0mm x 0.2mm
Notes	Material shall be RoHS 6/6

Outline

