

# Stripline Isolator

## ACI4.4G6G20PIN

### Revision record

Date	Version	Author	Revision description	Comment
2024/11/14	V1.0	Zhou	Created	/
2025/1/9	V1.1	Zhou	Updated the Specification	Apex request

### Electrical specification

Parameter	Specification
Frequency range	4.4-6.0GHz
Insertion loss	P1→P2: 0.5dB max
Isolation	P2→P1: 18dB min 17dB min@-40 °C to +80°C
Return Loss	18 dB min
Forward Power/ Reverse power	40W/10W
Direction	clockwise
Operating Temperature	-40 °C to +80°C

### Mechanical specification

Parameter	Specification
Dimension	L x W x H: 12.7mm x 12.7mm x 6.35mm
Connector Type	Stripline: L x W x T: 2.0mm x 1.0mm x 0.2mm
Notes	Material shall be RoHS 6/6

## Outline

