

Stripline Isolator

ACI2G6G12PIN

Revision record

Date	Version	Author	Revision description	Comment
2024/1/2	V1.0	Zhou	Created	/
2025/1/13	V1.1	Zhou	Updated the outline	Apex request
2025/1/24	V1.2	Zhou	Updated the outline	Apex request

Electrical specification

Parameter	Specification
Frequency range	2-6GHz
Insertion loss	P1→P2: 1.0dB max 1.5 dB max @-40°C 2-2.5GHz
Isolation	P2→P1: 12dB min
Return loss	12dB min
Forward Power/Reverse Power	50W/40W
Direction	clockwise
Operating Temperature	-40 °C to +70°C

Mechanical specification

Parameter	Specification
Dimension	L x W x H: 34mm x 30mm x 15mm
Connector Type	Stripline: L x W x T: 2mm x 1.2mm x 0.2mm
Notes	Material shall be RoHS 6/6

Outline

