

Coaxial Isolator

ACI164M174M42S

Revision record

Date	Version	Author	Revision description	Comment
2024/12/23	V1.0	Zhou	Created	/

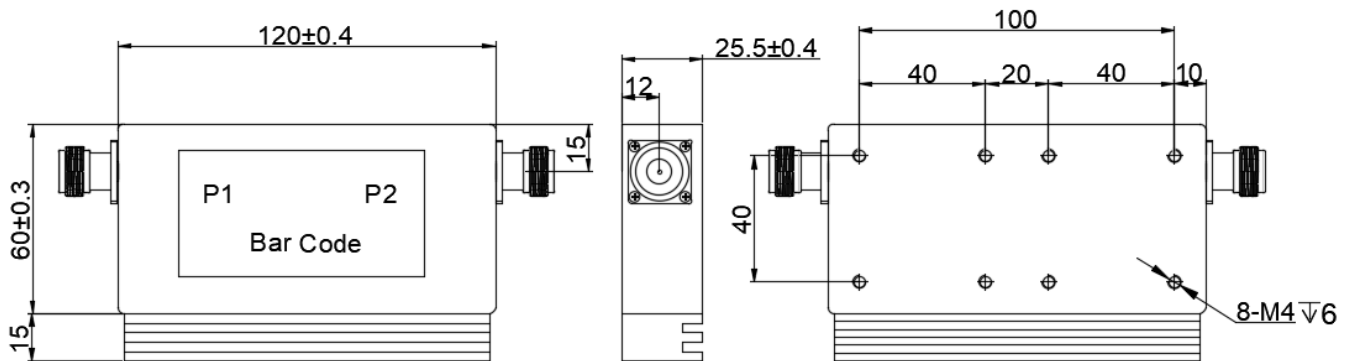
Electrical specification

Parameter	Specification
Frequency range	164-174MHz
Insertion loss	P2→P1:1.0dB max @ -25 °C to +55°C
Isolation	P2→P1: 65dB min 42dB min @ -25°C 52dB min +55°C
VSWR	1.2 max 1.25 max @-25°C to +55°C
Forward Power/ Reverse Power	150W CW/30W
Direction	clockwise
Operating Temperature	-25 °C to +55°C

Mechanical specification

Parameter	Specification
Dimension	L x W x H: 120mm x 60mm x 25.5mm
Connector Type	Input / Output :N-F
Notes	Material shall be RoHS 6/6

Outline



Test curve



the test curve of +25°C



the test curve of +55°C



the test curve of -25°C