

Technical proposal for JX-CI-14.3G14.8G-23S Isolator

◆ High Performance

◆ High Reliability

Revision History

Version	Date	Author	Revision description	Comment
V1.0	2024/1/16	Zhou	Created	/

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1. Mechanical layout

Table 1 Mechanical specifications

Dimension	L x W x H: 12mm x 20mm x 13mm
Connector Type	SMA-K
Notes	Material shall be RoHS 6/6

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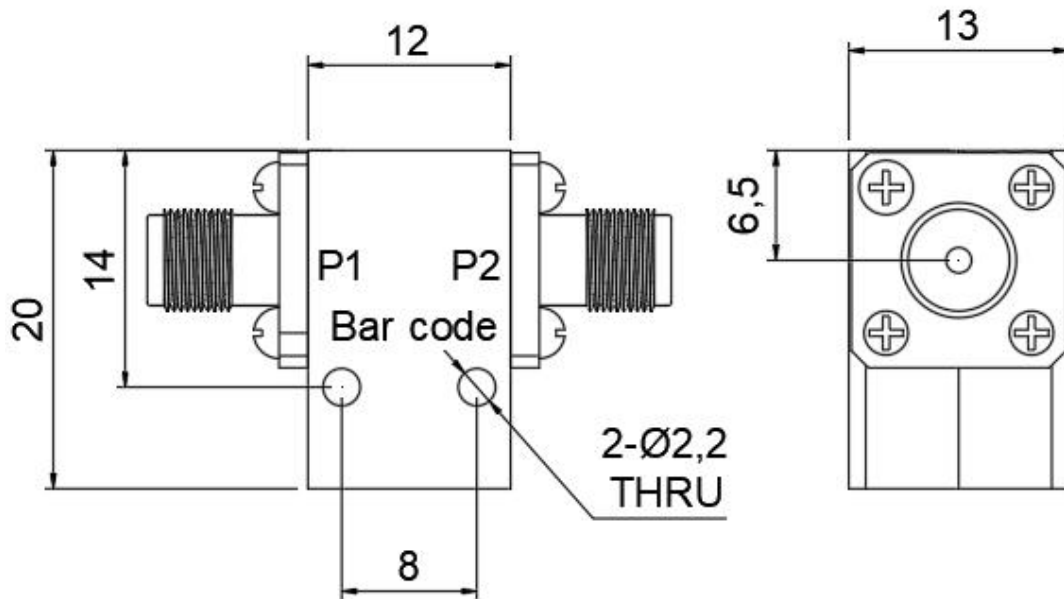


Figure 1 JX-CI-14.3G14.8G-23S front panel layout

2. Electrical analysis

2.1 Electrical specification

Table 2 Electrical specifications

Item	Parameter	Specifications
1	Frequency Range	14.3-14.8GHz
2	Insertion Loss	P1→P2: 0.4dB Max
3	Isolation	P2→P1: 23dB Min
4	VSWR	1.25Max
5	Forward Power/Reverse Power	25 CW/10W CW
6	Direction	clockwise
7	Temperature	-30 °C to +70 °C

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