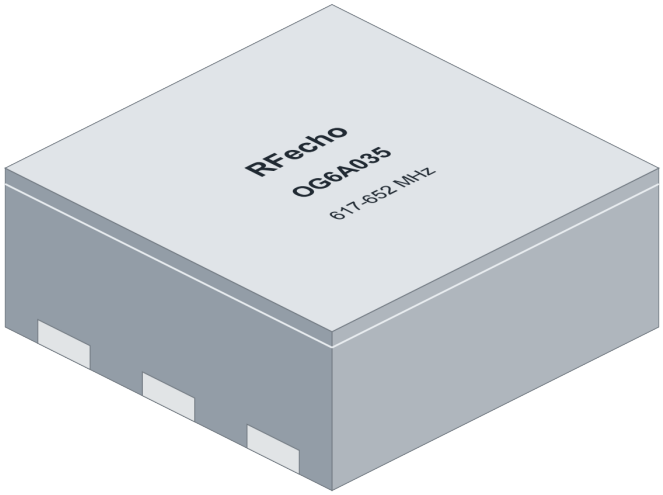
ID: OG6A035-617-652

OG6A035-617-652

Lumped element isolator | 617-652 MHz



Source-based package illustration; mechanical drawing controls dimensions.

Features	Electrical overview
Nominal 5 mm package; six solder pads.	Insertion loss: 1.3 dB
Nominal height: 2.0 mm (+0.3 / -0.1).	Isolation: 9 dB
Direction: CW	Return loss: 11 dB
Handling power: 5 W	Reflection power: 2 W

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ID: OG6A035-617-652

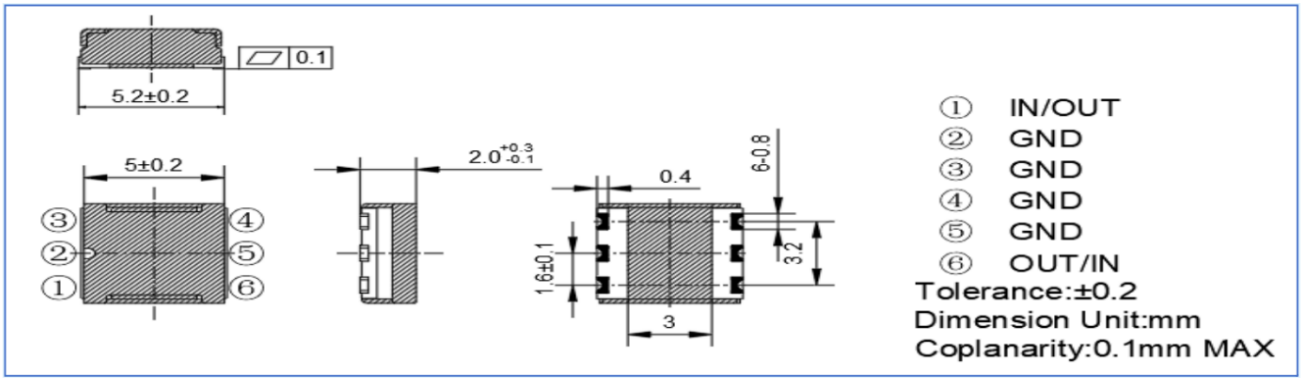
Technical indicators

Parameter	Value
Frequency	617-652 MHz
Return loss	11 dB
Isolation	9 dB
Insertion loss	1.3 dB
IMD3 at 15 to 35 deg C	-50 dBc
IMD3 at -40 to 105 deg C	-45 dBc
IMD3 test condition	1 W x 2 tones; 1 MHz spacing
Reflection power / Handling power	2 W / 5 W
Direction	CW

Mechanical dimensions

OG6A035-617-652 Mechanical dimensions

Type 1 package | All dimensions in mm



Pin 1: IN/OUT | Pins 2-5: GND | Pin 6: OUT/IN

Source: Huayang Communication Product Catalogue 2025, pp. 41 and 42.
IMD3 temperature ranges describe the listed test conditions.

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