

MIL1618R(L)D5A

5x5 SMD ISOLATOR

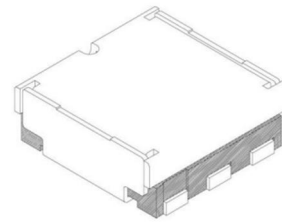
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APPLICATIONS

1. Power Amplifier
2. Base Station
3. Small Cell & Pico

Features

4. Low Insertion Loss 0.6dB typ.
5. High Isolation 15 dB typ.
6. Compliance (Pb-Free) & Small Size 5 X 5 X 2.4 mm³
7. Excellent high-power capacity up to average 8 watts
8. Characteristic Impedance 50 Ω



Description

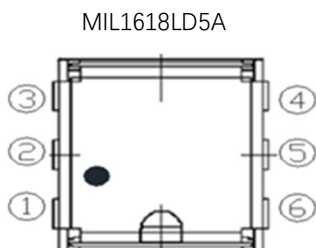
The MIL1618R(L)D5A is a low cost, high performance isolator in an easy to use surface mount package 5 X 5 X 2.4 mm³. The MIL1618D56A is ideal for power amplifier and low noise amplifiers, MIL1618R(L)D5A has excellent high-power capacity up to average 8 watts. All components are 100% RF tested.

Characteristics 1)

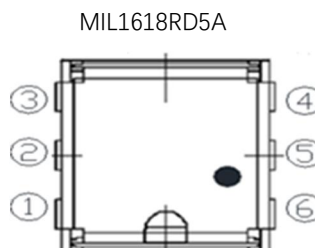
Item	Min.	Type.@25°C	Max.	Unit
Frequency Range	1610		1625	MHz
Isolation	14	16		dB
Insertion Loss		0.5	0.65	dB
VSWR (:1)		1.25	1.3	:1
Operating Temp.	-40		+85	°C
Power			8	W

1) All the above data are based on specified demo board and tested in 25° environment.

PORT CONFIGURATIONS



RFIN	1
RFOUT	6
GND	2/3/4/5



RFIN	6
RFOUT	1
GND	2/3/4/5

All Use For RF & Microwave

Shenzhen Megsine technology co., ltd www.megsine.com sales@megsine.com may contain us for future information

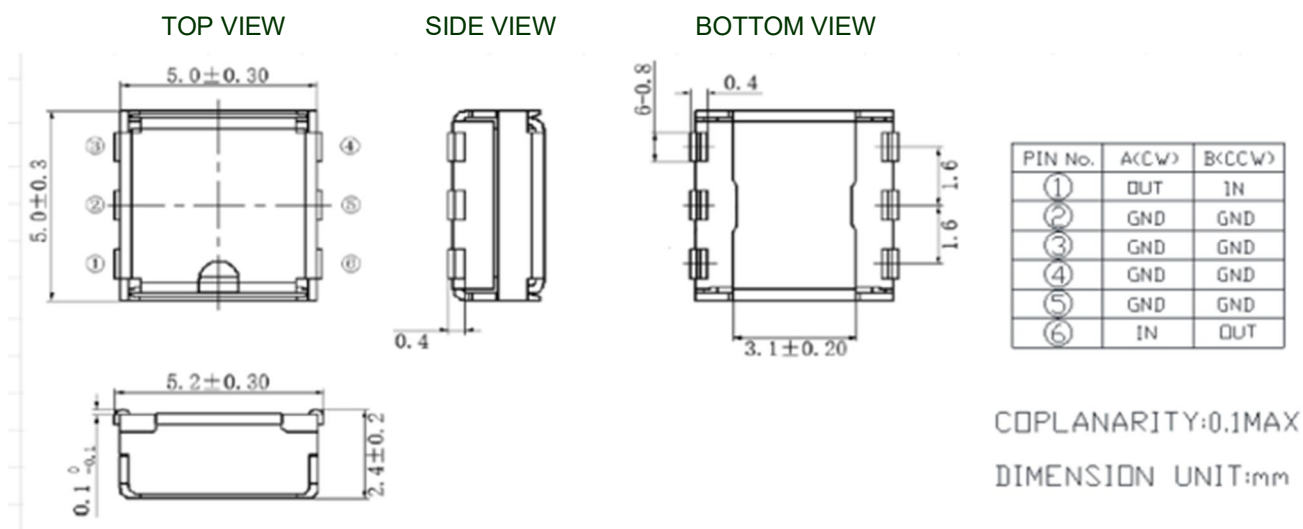
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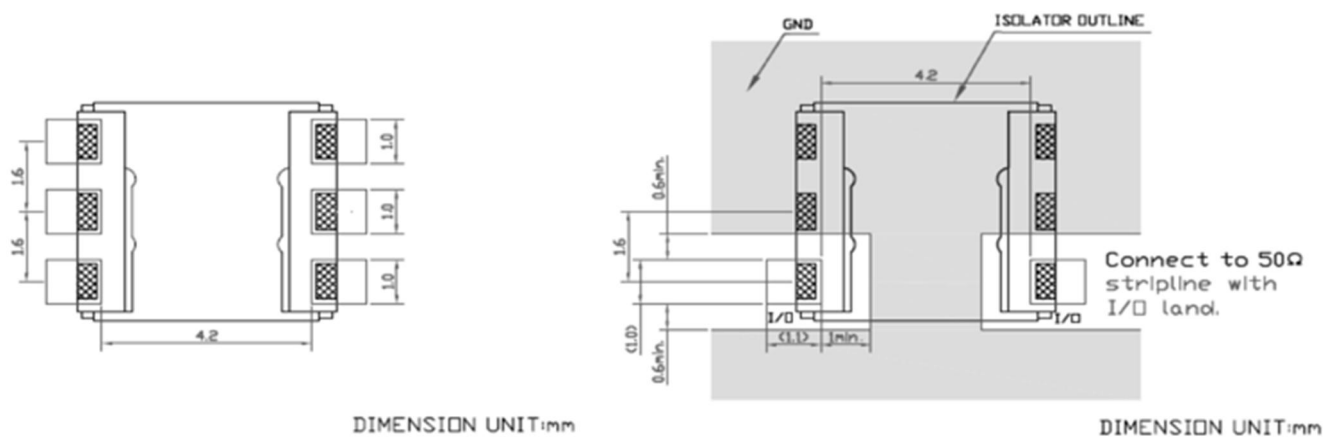
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Outline Drawing



Recommended PCB Layout and Solder Mask Pattern



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Revision	Description	Date
Rev0	Preliminary	2022/12/29

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