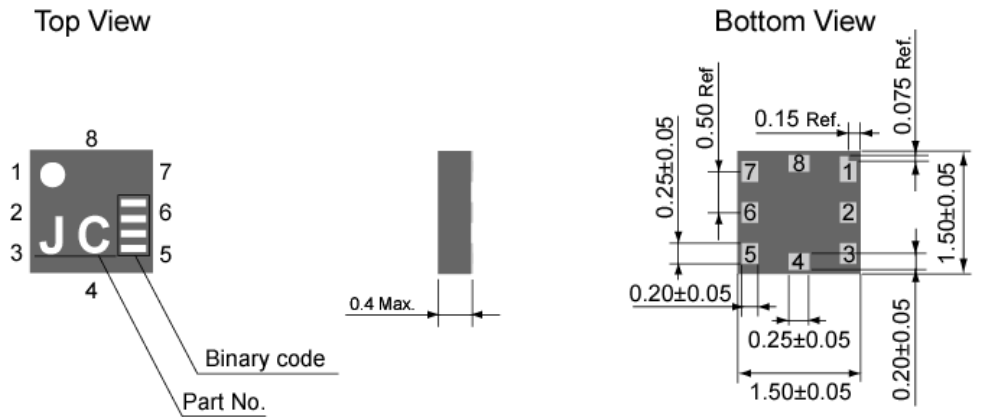
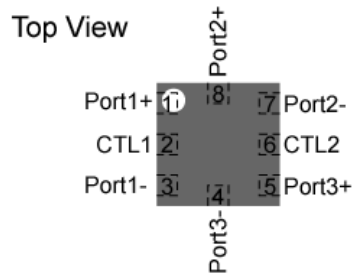


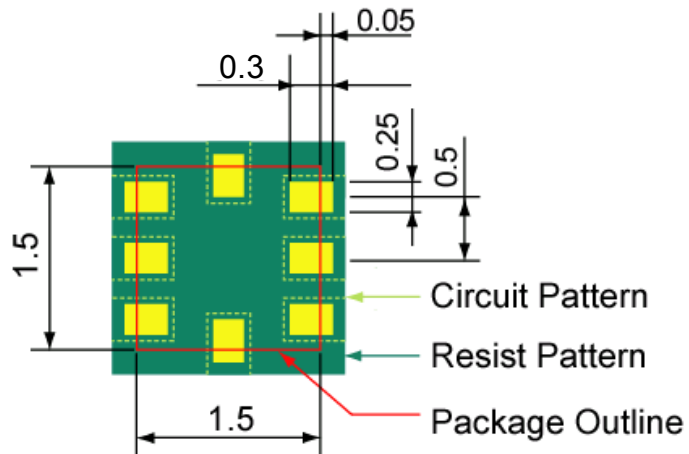
□ Package Outline and Pin Connections



(in mm)



□ Land Pattern

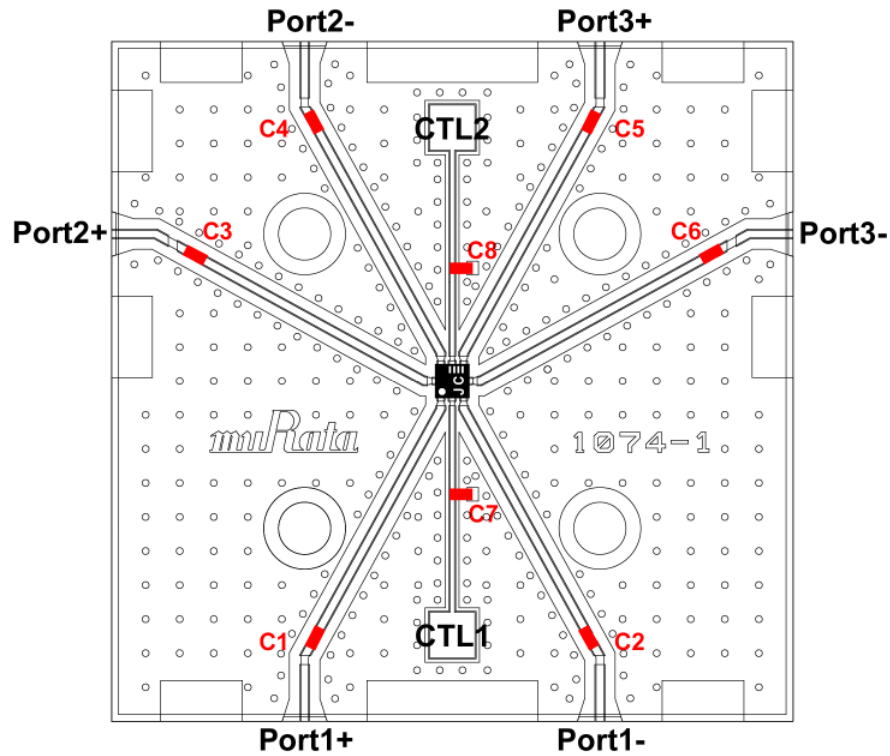


□ Truth Table

Path	CTL1	CTL2
Port1+/- – Port3+/-	H	L
Port1+/- – Port2+/-	L	H

H: 2.8V
L: 0V

□ Evaluation Board



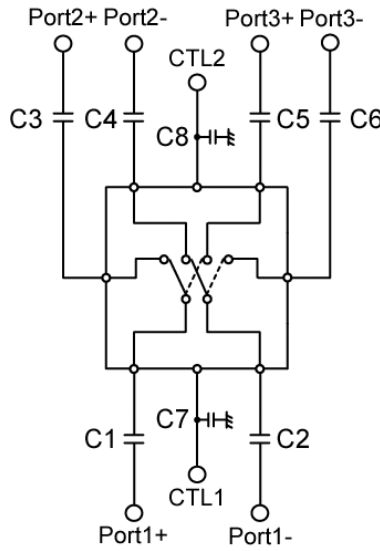
Parts List

Part No.	Products	Value
C1-C6	GRM155(Murata)	47 pF
C7, C8		100 pF

Substrate

FR4,
 $\epsilon_r = 4.4$
 Thickness = 0.2mm + 0.6mm(dummy)
 Metal Thickness: 18um
 Size=30mm x 30mm

□ Evaluation Circuit



*Note: C1,C2,C3,C4,C5,C6: must be supplied as DC blocking cap.

□ Typical Performance Data (On Evaluation Board, Fixture's loss de-embedded)

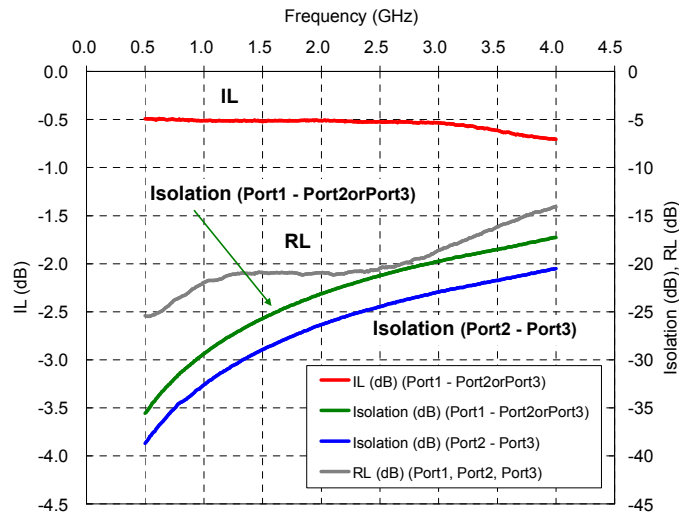


Fig.1 IL, RL and Isolation (VCTL(H)=2.8V)

□ **Typical Performance Data (On Evaluation Board, Fixture's loss de-embedded)**

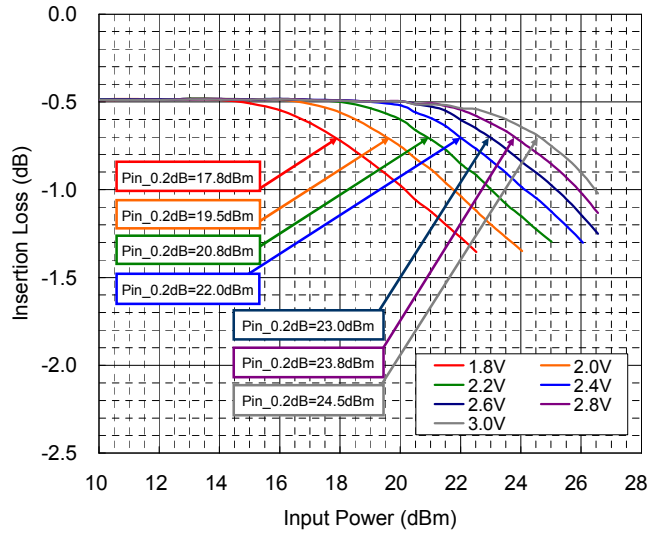


Fig.2 Power Characteristics (f=1.9GHz)

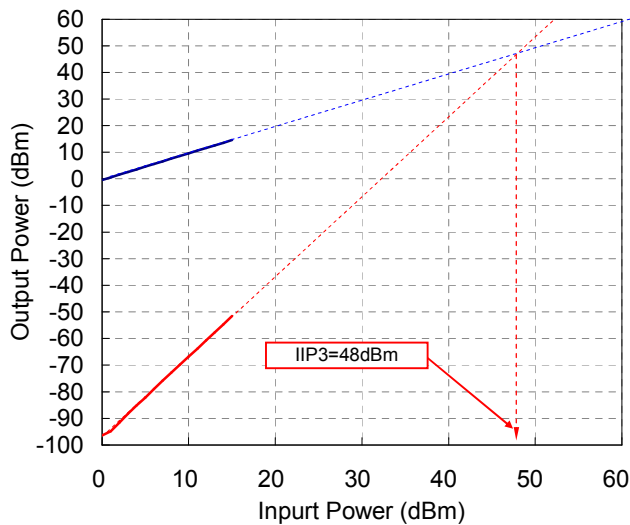


Fig.3 Input IIP3 (f=1.9GHz, V_{CTL}=2.8V)

**CAUTION -Limitation of Applications-**

The product is designed and manufactured for consumer application only and is not available for any application listed below which requires especially high reliability for the prevention of such defect as may directly cause damage to the third party's life, body or property.

- Aircraft equipment.
- Aerospace equipment.
- Undersea equipment.
- Medical equipment.
- Transportation equipment (vehicles, trains, ships, etc.).
- Traffic signal equipment.
- Disaster prevention / crime prevention equipment.
- Application of similar complexity and/ or reliability requirements to the applications listed in the above.

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