

Product Information

Control No. : GSC-0319-B 1/5

Established on Sep. 27, 2005

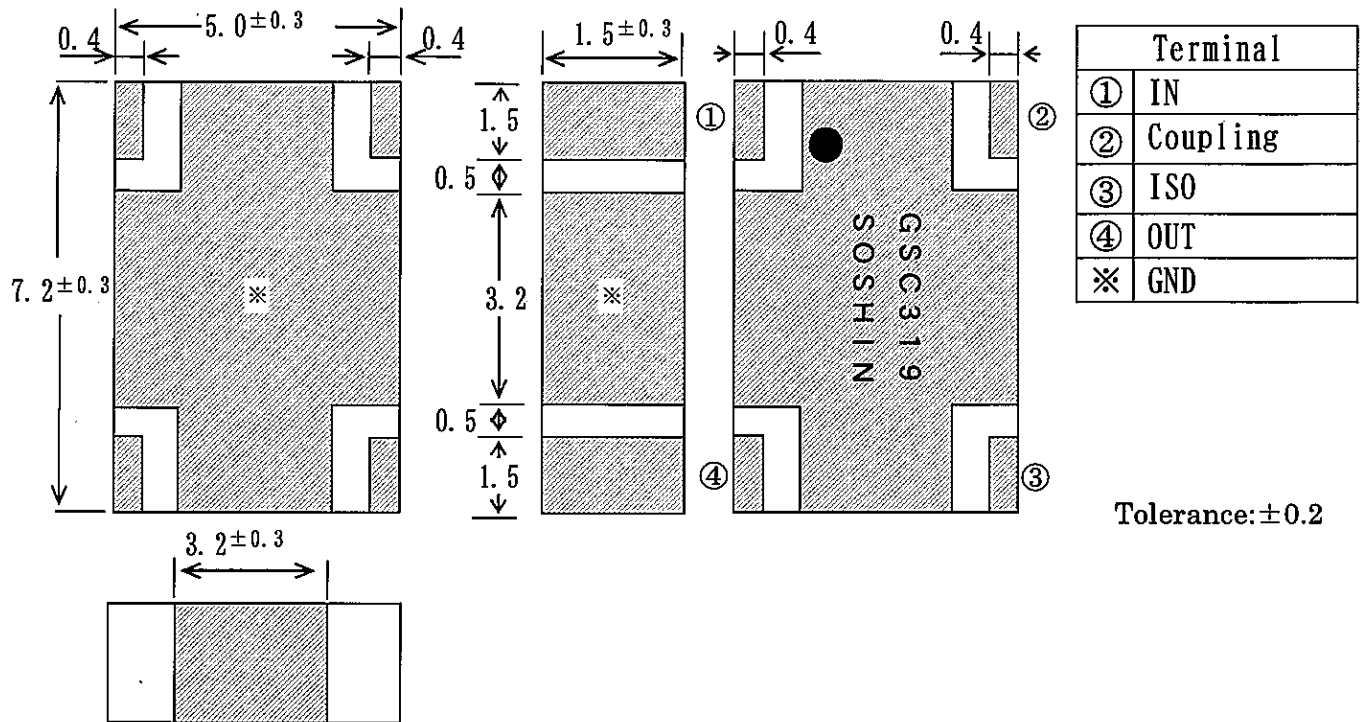
1. 2.14GHz Band Chip Coupler

TYPE No. : GSC319-10M2150

RoHS correspondence article

2. Appearance and Construction

2.1 Dimension (Unit : mm)



2.2 Body ... Ceramics

2.3 Terminal ... Ni+Sn plating

2.4 Marking ... Abbreviation of Model No. and trademark is printed

3. Absolute Maximum Ratings

3.1 Input Power : 200W Avg/CW

3.2 Operating Temperature : $-40 \sim 125^{\circ}\text{C}$

3.3 Storage Temperature : $-40 \sim 85^{\circ}\text{C}$

($-20 \sim 35^{\circ}\text{C}$ for tape and reel materials)

4. Electrical Characteristics

4.1 Impedance	:	50Ω Nominal
4.2 Frequency Range	:	$2100 \sim 2200 \text{MHz}$
4.3 Insertion Loss	:	0.25dB MAX (at 25°C)
	:	0.35dB MAX ($-40 \sim 125^{\circ}\text{C}$)
4.4 Coupling	:	$10.6 \pm 0.5 \text{dB}$ (at 25°C)
	:	$10.6 \pm 0.6 \text{dB}$ ($-40 \sim 125^{\circ}\text{C}$)
4.5 V. S. W. R	:	1.2 MAX
4.6 Directivity	:	20dB MIN
4.7 Coupling Inclination	:	0.04dB typical
(Reference)		(MAX Coupling-MIN Coupling)