

Product Information

Control No : GSC-0312-K 1/5

Established on Feb. 15, 2005

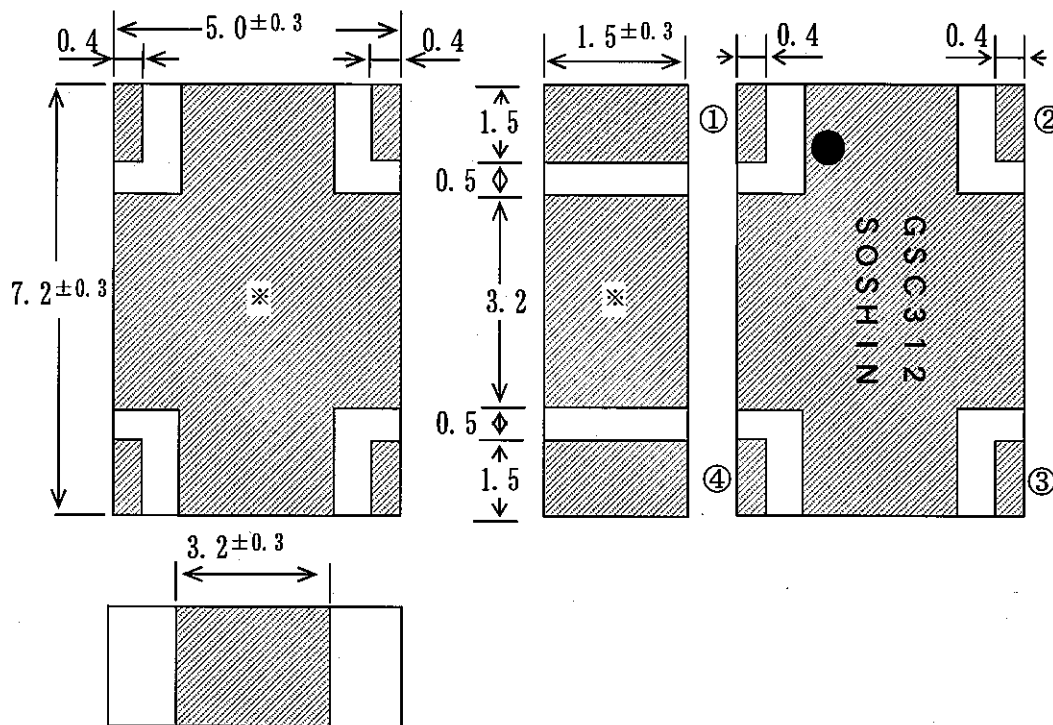
1. 1.9GHz Band Chip Coupler

TYPE No : GSC312-30M1900

RoHS correspondence article

2. Appearance and Construction

2.1 Dimension (Unit : mm)



Terminal	
①	IN
②	Coupling
③	ISO
④	OUT
※	GND

Tolerance: ±0.2

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 ~ 125°C

3.3 Storage Temperature : -40 ~ 85°C

(-20 ~ 35°C for tape and reel materials)

4. Electrical Characteristics

4.1 Impedance	:	50Ω Nominal
4.2 Frequency Range	:	1800~2000MHz
4.3 Insertion Loss	:	0.18dB MAX (at 25°C)
	:	0.28dB MAX (-40~125°C)
4.4 Coupling	:	30.2±1.5dB (at 25°C)
	:	30.2±1.6dB (-40~125°C)
4.5 V. S. W. R	:	1.18 MAX
4.6 Directivity	:	20dB MIN