

# Product Information

Control No : GSC-0311-H 1/5

Established on Feb. 15, 2005

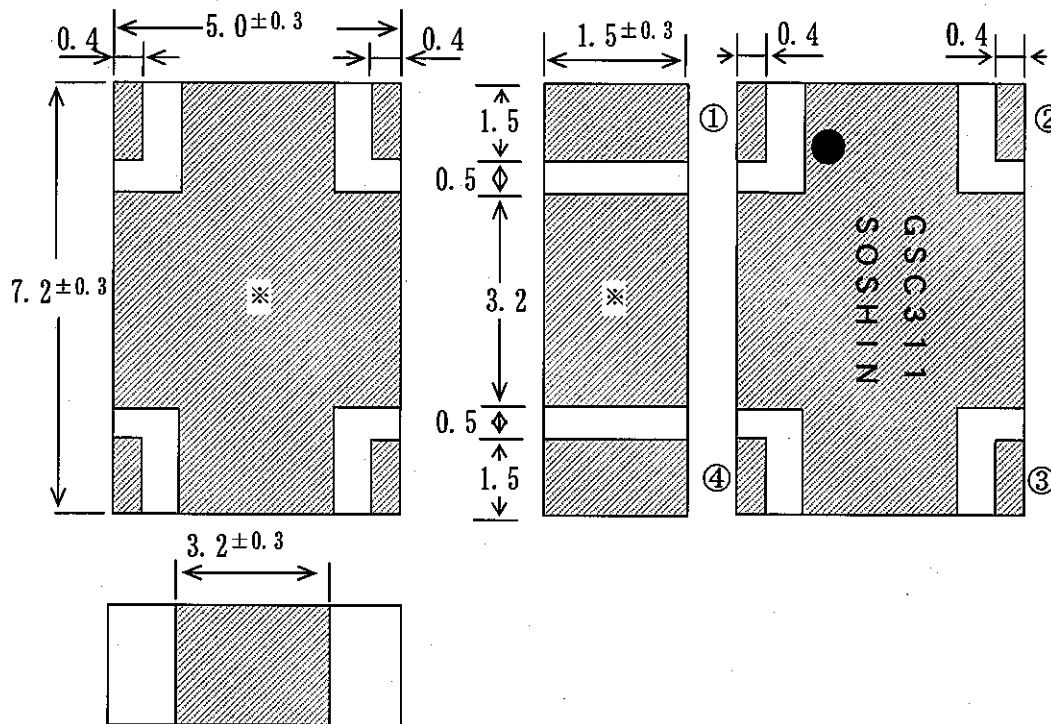
## 1. 1.9GHz Band Chip Coupler

TYPE No : GSC311-20M1900

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 : 20.4±1.5dB (at 25°C)

: 20.4±1.6dB (-40~125°C)

4.5 V. S. W. R : 1.18 MAX

4.6 Directivity : 20dB MIN