

# Tentative Specification (Preliminary)

Control No. : HGC-03062-C

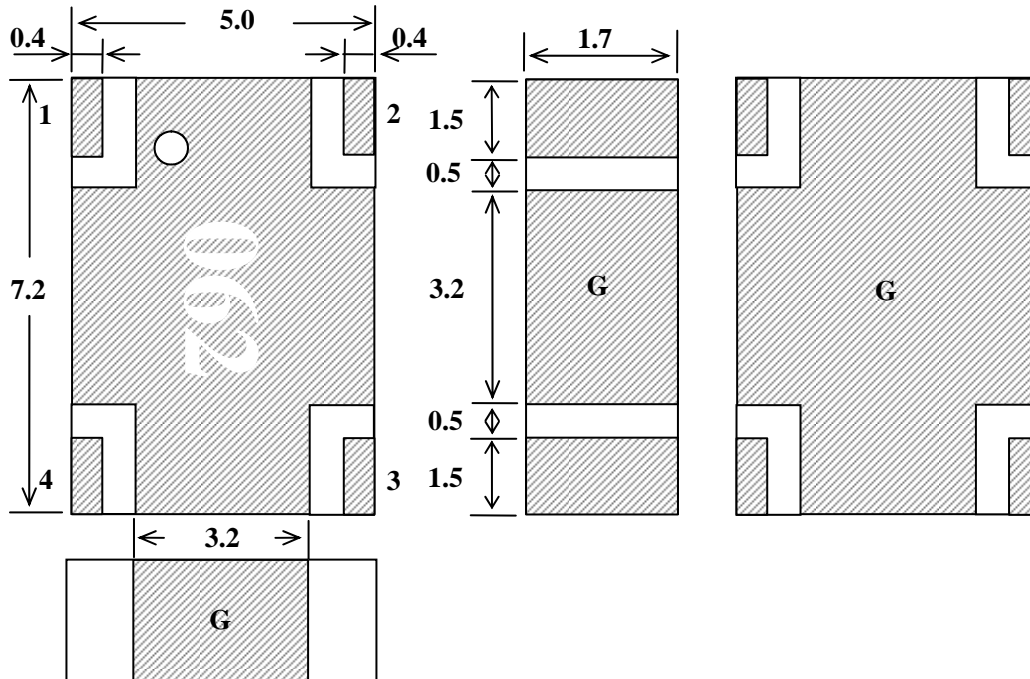
Established on Jun 19, 2013

## 1. 900MHz Band 90deg Chip Hybrid Coupler

1.1 TYPE No. : HGC3062-HYB0900      RoHS correspondence article

## 2. Appearance and Construction

### 2.1 Dimension (Unit: mm)



Terminal	
1	IN
2	0 deg OUT
3	90 deg OUT
4	Isolation
G	GND

Tolerance: +/-0.3

### 2.2 Body ... Ceramics

### 2.3 Terminal ... Ni+Sn plating

### 2.4 Marking ... Abbreviation of Model No.

## 3. Absolute Maximum Ratings

- 3.1 Input Power (W Avg/CW Ta= 25degC) : 200  
 3.2 Operating Temperature (degC) : -40 ~ 125  
 3.3 Storage Temperature (degC) : -40 ~ 85  
 (-20 ~ 35degC for tape and reel materials)

## 4. Target Electrical Characteristics (-40 ~ 125degC)

- 4.1 Nominal Impedance (ohm) : 50  
 4.2 Frequency Range (MHz) : 690 ~ 1000  
 4.3 Insertion Loss (dB MAX) : 0.2  
 4.4 Amplitude Level Balance(dB MAX) : 0.35  
 4.5 Phase Balance (deg) : 90+/-3  
 4.6 V.S.W.R (MAX) : 1.2  
 4.7 Isolation (dB MIN) : 20

## 5. Note

### 5.1 Number of pieces ordered

At least 500 pieces must be ordered for serial production.

\*Specifications of products are subject to change without notice