

# Tentative Specification (Preliminary)

Control No. : HGC-5023-A

Established on Jun 20, 2013

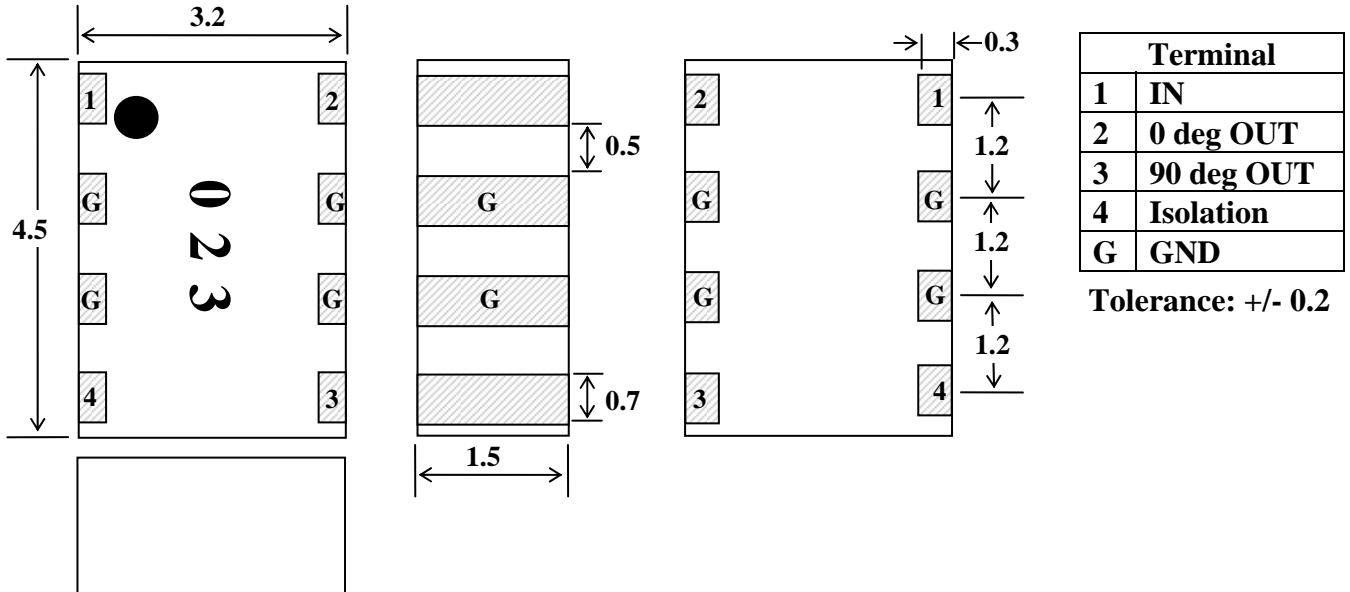
## 1. 3500MHz Band 90deg Chip Hybrid Coupler

TYPE No: HGC5023-HYB3500S

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. is printed

## 3. Absolute Maximum Ratings

3.1 Input Power (W Avg/CW Ta=25degC) :

40

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)

Item	Target Specification
4.1 Nominal Impedance (Ohm)	50
4.2 Frequency Range (MHz)	3300 ~ 3800
4.3 Insertion Loss (dB MAX)	0.25 (TYP. 0.15)
4.4 Amplitude Level Balance (dB MAX)	0.3
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 1,000 pieces must be ordered for serial production.

\*Specifications of products are subject to change without notice