

# Tentative Specification (Preliminary)

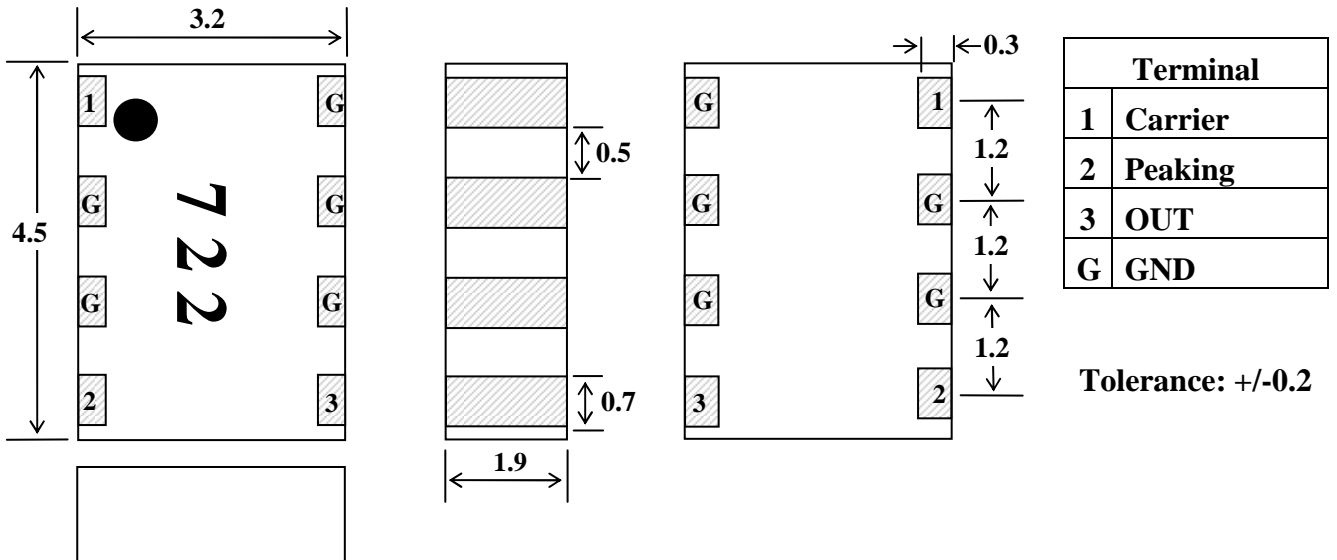
Control No. : HGC-5722-B  
Established on Jun 20, 2013

## 1. 900MHz Band Chip Doherty Combiner 1.1 TYPE No. : HGC5722-DOH0900S

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) : 30
- 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) : 0.4
- 4.4 Phase (S21 deg) : 90+/-4 (at 850MHz)
- 4.5 Phase (S32 deg) : 90+/-4 (at 850MHz)
- 4.6 V.S.W.R (MAX) : 1.43

## 5. Note

### 5.1 Number of pieces ordered

At least 1000 pieces must be ordered for serial production.

\*Specifications of products are subject to change without notice