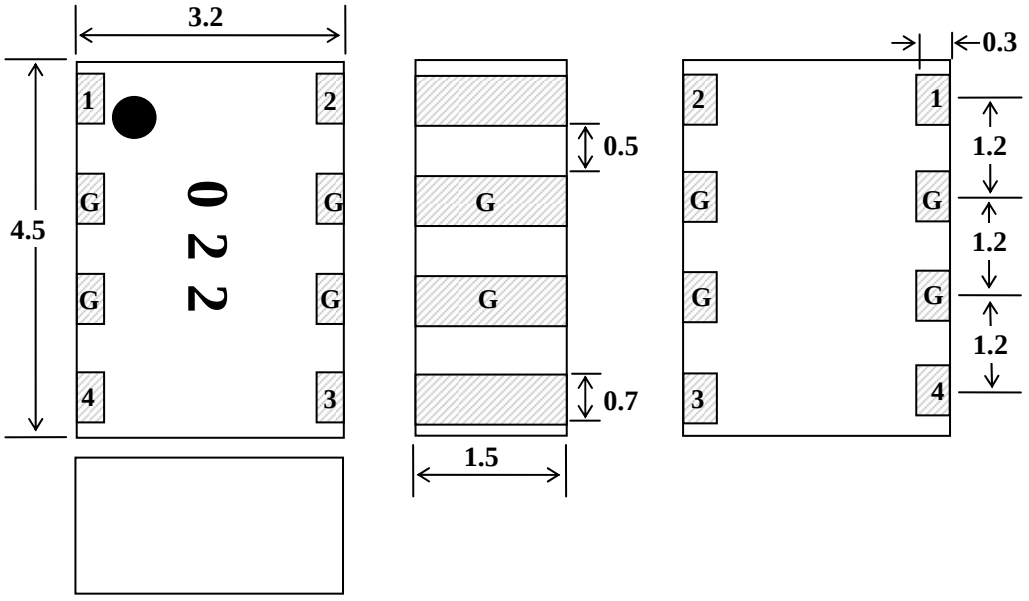
Tentative Specification (Preliminary)	Control No. : HGC-5022-B
	Established on Mar 27, 2013

1. 2000MHz Band 90deg Chip Hybrid Coupler

TYPE No: HGC5022-HYB2000S 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: +/- 0.2

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 Specifications1	Target Specifications2
4.1 Nominal Impedance (Ohm)	50	
4.2 Frequency Range (MHz)	1700 ~ 1800	1800 ~ 2200
4.3 Insertion Loss (dB MAX)	0.25 (TYP. 0.12)	
4.4 Amplitude Level Balance (dB MAX)	0.4	
4.5 Phase Balance (deg)	90+/-3	
4.6 V.S.W.R (MAX)	1.2	
4.7 Isolation (dB MIN)	18	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**