

Tentative Specification (Preliminary)

Control No. : HGC-03050-B

Established on May 27, 2013

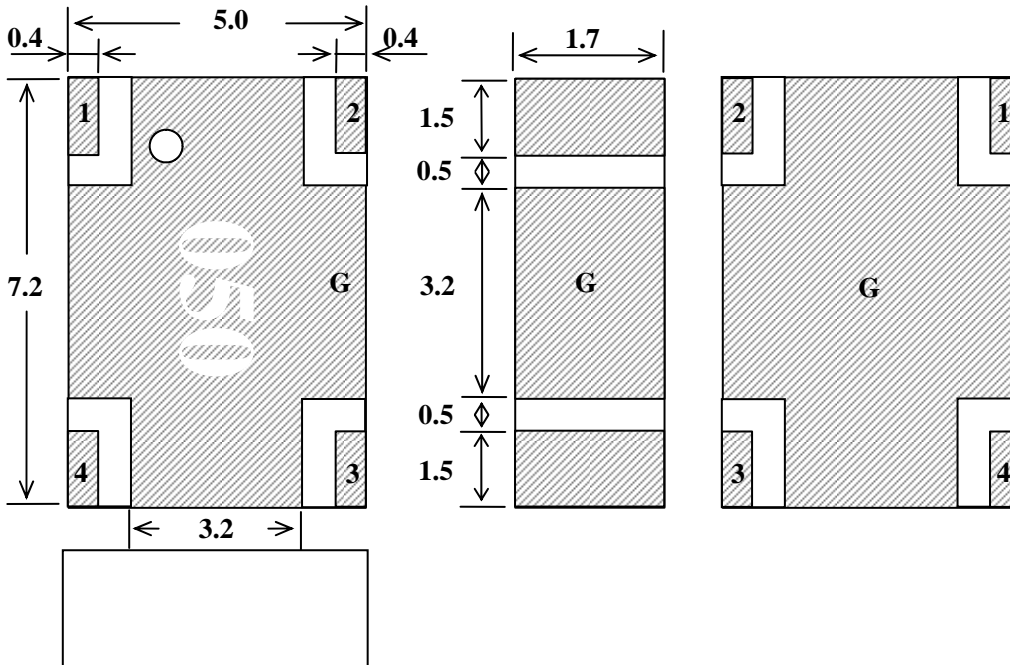
1. 1450MHz Band 90deg Chip Hybrid Coupler

1.1 TYPE No. : HGC3050-HYB1450

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) : 1350 ~ 1550

4.3 Insertion Loss (dB MAX) : 0.25

4.4 Amplitude Level Balance (dB MAX) : 0.4

4.5 Phase Balance (deg) : 90+/-3

4.6 V.S.W.R (MAX) : 1.18

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