

Tentative Specification (Preliminary)

Control No. : HGC-03049-C

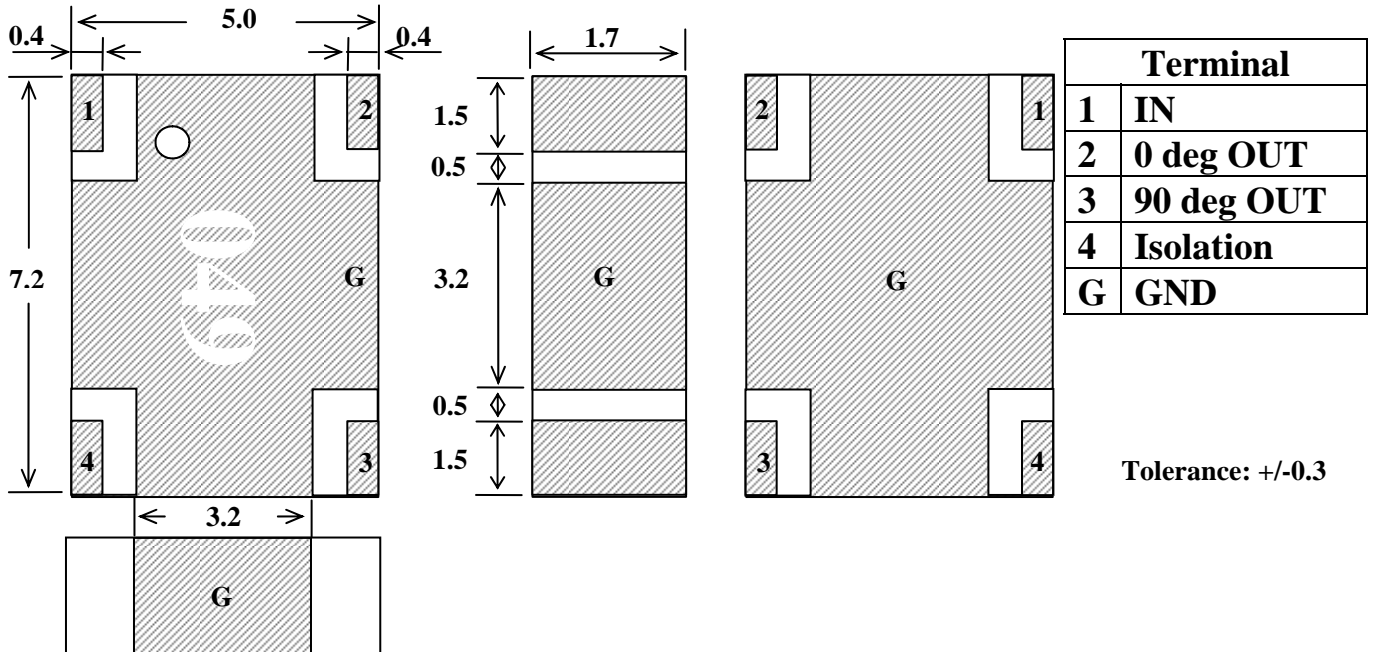
Established on Jul 18, 2013

1. 650MHz Band 90deg Chip Hybrid Coupler

1.1 TYPE No. : HGC3049-HYB0650 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.

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)

Item	Target Specifications1	Target Specifications2
4.1 Nominal Impedance (Ohm)	50	50
4.2 Frequency Range (MHz)	470 ~ 860	400 ~ 920
4.3 Insertion Loss (dB MAX)	0.23	0.29
4.4 Amplitude Level Balance (dB MAX)	0.7	0.9
4.5 Phase Balance (deg)	90+/-4	90+/-5
4.6 V.S.W.R (MAX)	1.2	1.25
4.7 Isolation (dB MIN)	20	19

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