

Product Information

Control No : GSC-0267-B 1/5

Established on Sep. 9, 2005

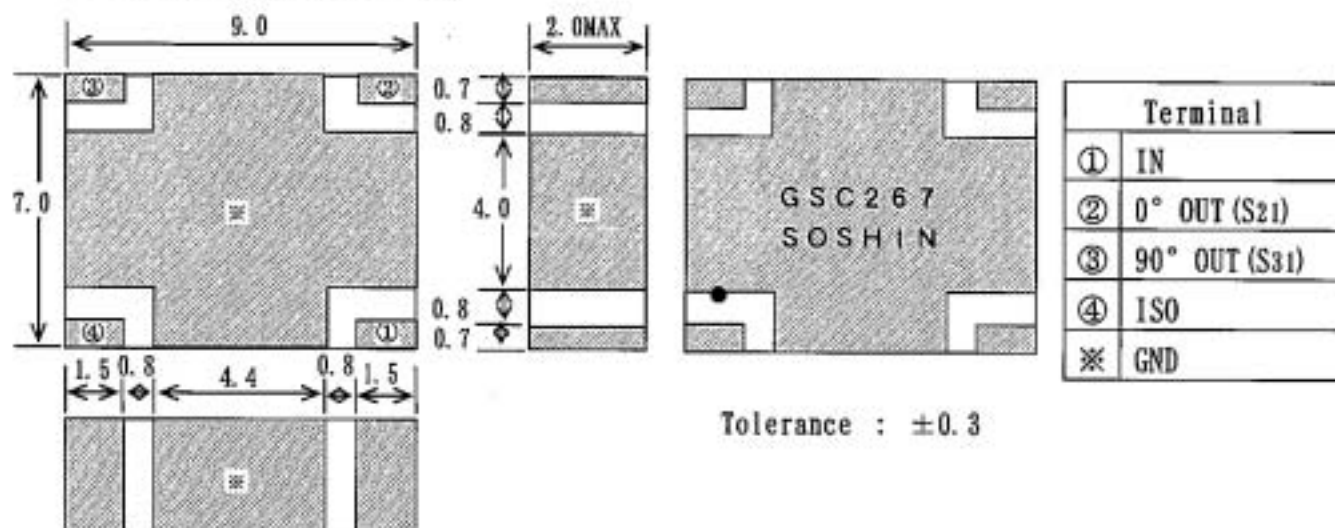
1. 620MHz Band 90° Chip Hybrid Coupler

TYPE No : GSC267-HYB0620

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 and trademark is printed

3. Absolute Maximum Ratings

3.1 Input Power : 200W MAX

3.2 Operating Temperature : -40 ~ 125°C

3.3 Storage Temperature : -40 ~ 85°C

(-20 ~ 35°C for tape and reel materials)

4. Electrical Characteristics

4.1 Impedance : 50Ω Nominal

4.2 Frequency Range : 560~680MHz

4.3 Insertion Loss : 0.25dB MAX $\left(\frac{|S21| + |S31|}{2} - 3 \right)$ (at 25°C)
(TYP. 0.15dB)

4.4 Amplitude Level Balance : 0.35dB MAX (-40~125°C)

4.4 Amplitude Level Balance : 0.3dB MAX $|S21-S31|$ (at 25°C)

4.4 Amplitude Level Balance : 0.4dB MAX (-40~125°C)

4.5 Phase Balance : 90±5°

4.6 V. S. W. R : 1.2 MAX

4.7 Isolation : 20dB MIN