

Product Information

Control No : GSC-0266-D 1/5

Established on Sep. 9, 2005

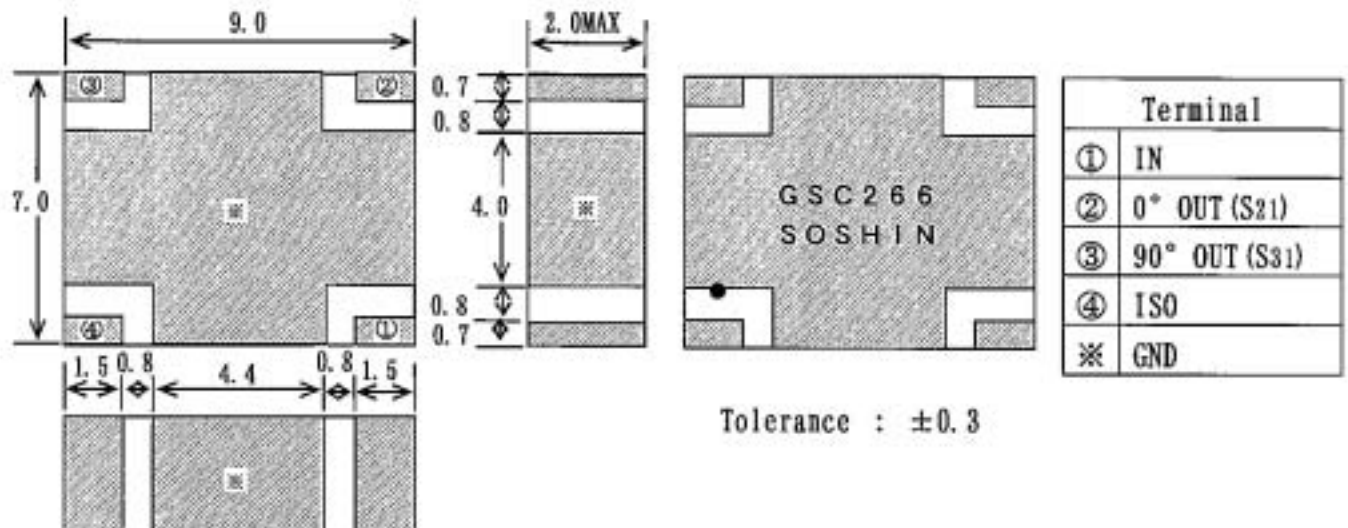
1. 520MHz Band 90° Chip Hybrid Coupler

TYPE No : GSC266-HYB0520

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	:	460~580MHz	
4.3 Insertion Loss	:	0.25dB MAX (TYP. 0.15dB)	$\left(\frac{ S21 + S31 }{2} - 3 \right)$ (at 25°C)
	:	0.35dB MAX	(-40~125°C)
4.4 Amplitude Level Balance	:	0.3dB MAX	$ S21-S31 $ (at 25°C)
	:	0.4dB MAX	(-40~125°C)
4.5 Phase Balance	:	90±3°	
4.6 V. S. W. R	:	1.2 MAX	
4.7 Isolation	:	20dB MIN	