

Product Information

Control No : GSC-0109-B 1/5

Established on Sep. 9, 2005

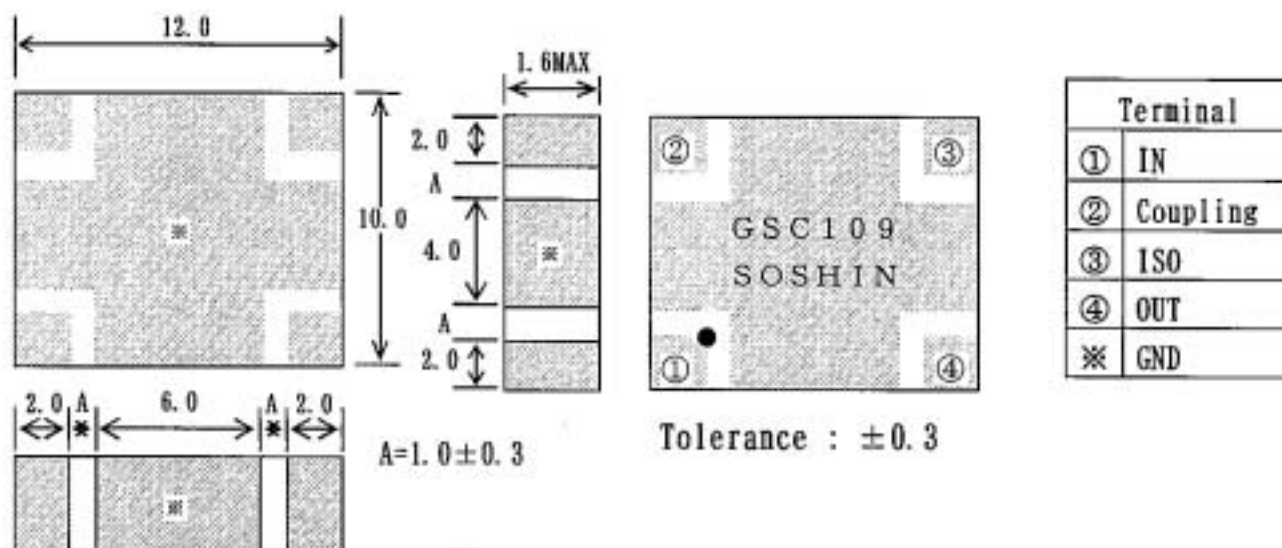
1. 720MHz Band Chip Coupler

TYPE No : GSC109-30M0720

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 : $-40 \sim 125^{\circ}\text{C}$

3.3 Storage Temperature : $-40 \sim 85^{\circ}\text{C}$

($-20 \sim 35^{\circ}\text{C}$ for tape and reel materials)

4. Electrical Characteristics

4.1 Impedance	:	50Ω Nominal	
4.2 Frequency Range	:	660~780MHz	
4.3 Insertion Loss	:	0.18dB MAX	at 25°C
	:	0.28dB MAX	($-40 \sim 125^{\circ}\text{C}$)
4.4 Coupling	:	30.7 ± 0.8 dB	
	:	30.7 ± 0.9 dB	($-40 \sim 125^{\circ}\text{C}$)
4.5 V. S. W. R	:	1.2 MAX	
4.6 Directivity	:	17dB MIN	
4.7 Coupling Inclination	:	0.14dB typical	
(Reference)		(MAX Coupling-MIN Coupling)	