

Product Information

Control : GSC-1312-B 1/5

Established on Apr.01, 2005

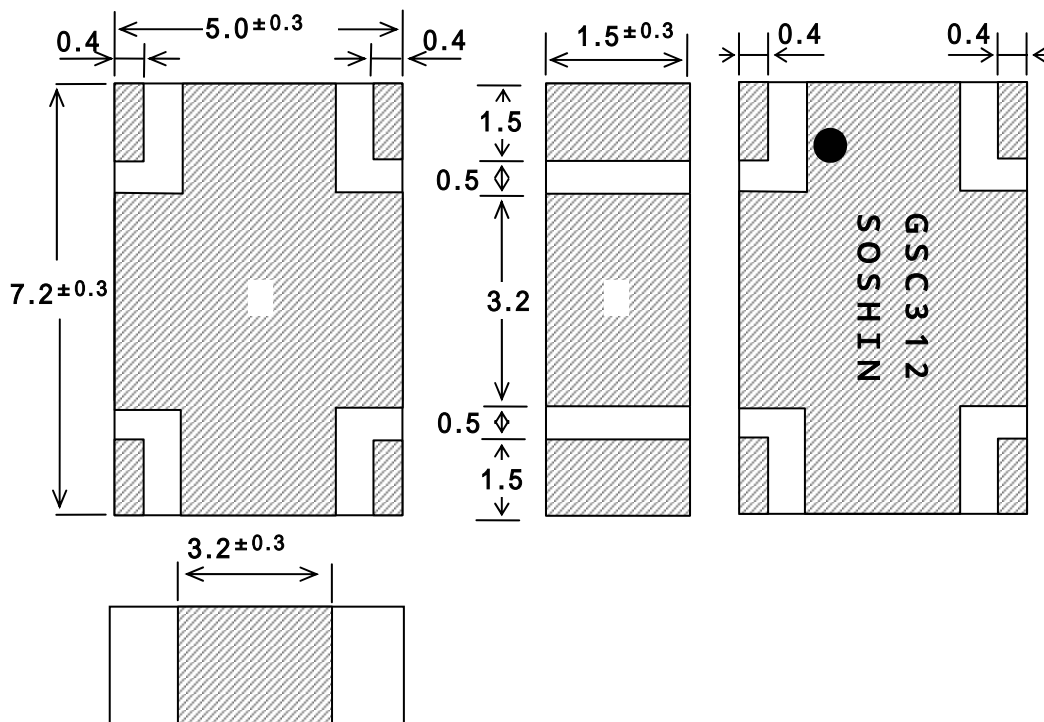
1. 1.75GHz Band Chip Coupler

TYPE : GSC312-30M1750

RoHS correspondence article

2. Appearance and Construction

2.1 Dimension (Unit : mm)



Terminal	
	IN
	Coupling
	ISO
	OUT
	GND

Tolerance: ± 0.2

2.2 Body ... Ceramics

2.3 Terminal ... Ni+Sn plating

2.4 Marking ... Abbreviation of Model and trademark is printed

3. Absolute Maximum Ratings

3.1 Input Power : 200W Avg/CW

3.2 Operating Temperature : -40 ~ 125

3.3 Storage Temperature : -40 ~ 85

(-20 ~ 35 for tape and reel materials)

4. Electrical Characteristics

4.1 Impedance : 50 Nominal

4.2 Frequency Range : 1710 ~ 1785MHz

4.3 Insertion Loss : 0.18dB MAX (at 25)

: 0.28dB MAX (-40 ~ 125)

4.4 Coupling : 31.0 ± 1.5 dB (at 25)

: 31.0 ± 1.6 dB (-40 ~ 125)

4.5 V.S.W.R : 1.2 MAX

4.6 Directivity : 18dB MIN