

1. Features

- RF SAW Band Reject filter
- Ceramic Surface Mounted Device Package (3.0 mm × 3.0 mm)
- RoHS/RoHS2 (2015/863/EU) Compliant
- This part is compliant with AEC-Q200

2. Preliminary Electrical Specifications

Source and Load Impedance = 50Ω

Room Temperature : +25℃

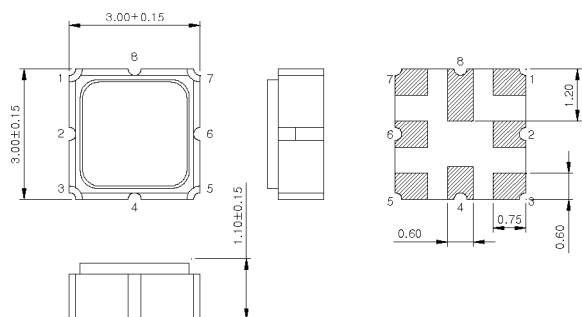
		Minimum	Typical	Maximum
Notch Frequency (Fc)	MHz		2320.0	
Insertion Loss 1 (700.0 ~ 2200.0MHz)	dB		0.5	1.0
Insertion Loss 2 (2400.0 ~ 3600.0MHz)	dB	-	1.2	1.8
Attenuation (2320.0 ~ 2345.0MHz)	dB	15	18	-

Maximum Ratings

Parameter	Unit	Minimum	Typical	Maximum
Operating Temperature Range	℃	-40	25	105
Storage Temperature Range	℃	-40	25	125
Power Handling Capability	dBm	-	-	10

Electrostatics Sensitive Device (ESD)

3. Package Dimension & Matching configuration (S3030)

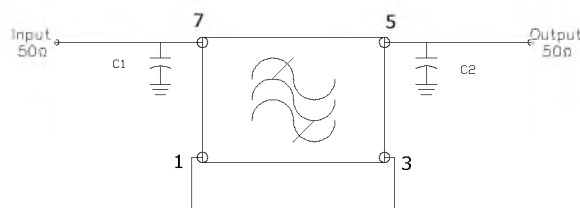


Dimensions shown are nominal in millimeters

Body : Al₂O₃ Ceramic

Lid : Kovar, Ni Plated

Terminations : Au plating 0.3 ~ 1.0 um, Over a 1.27 ~ 8.89 um Ni Plating



$$C1 = C2 = 0.5\text{pF}$$

Due to variances in a PCB layout and parasitics,

actual matching values may have to be changed accordingly

Pin Configuration			
Input	7	Output	5
Coupling Pin	1, 3		
Ground	Others		

4. Typical Performance (at +25°C)

