

SMD SAW RESONATOR

SR2016 / SR3030 / SR3838 / SR5035/ SR5050 Series

Features

- * High transmit and receive sensitivity
- * High temperature resistance and impact resistance
- * The optional frequency can be customized
- * RoHS Compliant

Specifications

Series	SR2016	SR3030	SR3838	SR5035	SR5050
Size (mm)	2.0x16x1.0mm	3.0x3.0x1.3mm	3.8x3.8x1.5mm	5.0x3.5x1.5mm	5.0x5.0x1.5mm
Frequency Range (Mhz)	154 ~ 1000 Mhz				
Sandard Frequency (Mhz)	303, 315, 390, 433.92, 435.72	315, 330, 370, 433.92, 868, 915			
Frequency Tol. (at 25℃)	±50, ±75, ±150 Khz or specify				
Insertion Loss (in 50 ohm system, min)	1.0, 1.3, 1.4, 1.5 dB or specify				
Frequency Temp. Coefficient (FTC) at 40 ℃	0.037ppm/℃	0.032ppm/℃			
DC Insulation Resistance between two Pins	1.0 MΩ (at 25℃)				
Operating temp. Range	-40 ~ +85℃				
Storage temp. Range	-40 ~ +85℃	-55 ~ +125℃			
Aging (at 40℃)	≤10 ppm / yr (Absolute Value During The First Year)				

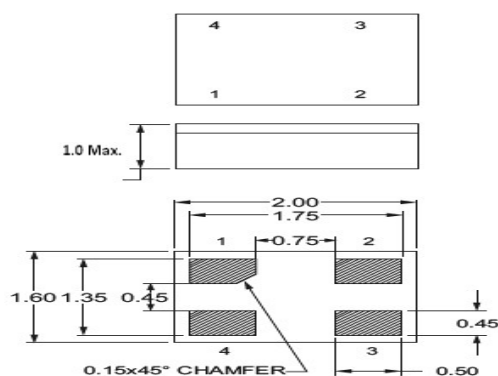
MSC

How to order

SR2016	315M	2	50	R
Series	Frequency	Operating Temp.	Frequency Tol.	Package
SR2016 = 2.0 x 1.6x 1.0 mm	303 Mhz	2= -20°C ~+70°C	50 = 50pF	R = Tape Reel
SR3030 = 3.0 x 3.0x 1.3 mm	315 Mhz	3= -40°C ~+85°C	75 = 75pF	
SR3838 = 3.8 x 3.8x 1.5 mm	330 Mhz		150 = 150pF	
SR5035 = 5.0 x 3.5x 1.5 mm	370 Mhz		or specify	
SR5050 = 5.0 x 5.0 x1.5 mm	433.92 Mhz			

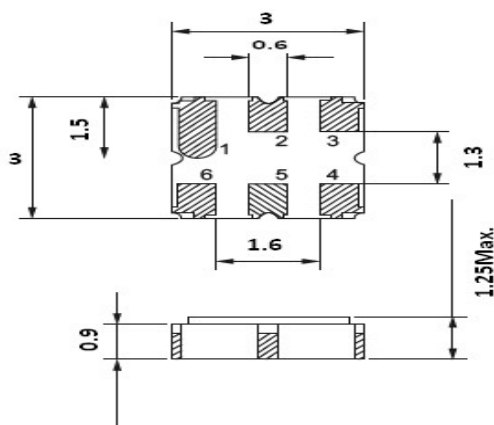
Dimensions (mm)

※ SR2016 Seires



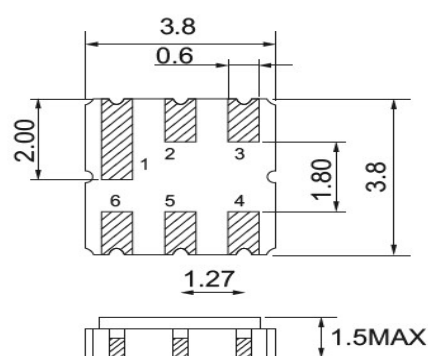
Pin No	Description
1	Input / Output
3	Output / Input
2, 4	Ground

※ SR3030 Seires



Pin No	Description
2	Input / Output
5	Output / Input
1, 3, 4, 6	Ground

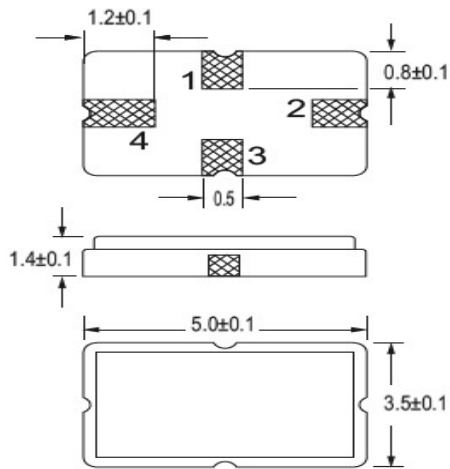
※ SR3838 Seires



Pin No	Description
2	Input / Output
5	Output / Input
1, 3, 4, 6	Ground

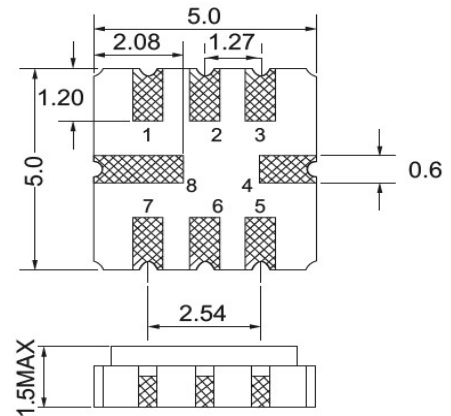
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※ SR5035 Seires



Pin No	Description
2	Input / Output
3	Output / Input
2, 4	Ground

※ SR5050 Seires



Pin No	Description
2	Input / Output
6	Output / Input
1, 3, 5, 7	To be grounded
4, 8	Ground

Reflow Condition

