

# SK3200R

**Band20, RF-Rx SAW Filter**  
**Revision 5.0 : April 2020**

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**MSL 3 Device**



## Features

- ✧ For RF SAW filter
- ✧ Single-ended operation
- ✧ Ceramic Surface Mount Package
- ✧ RoHS compliant (2002/95/EC), Pb-free

## Specifications

Parameter		Unit	Minimum	Typical	Maximum
Insertion Loss (791~821MHz)		dB	-	2.3	4.5
Amplitude ripple@20MHz (791~821MHz)		dB	-	0.5	3.5
VSWR @RX port(791~821MHz)		dB	-	1.8	4
VSWR @Ant port(791~821MHz)				1.9	4
Absolute Attenuation	10 – 770MHz	dB	40	45	-
	832 – 862 MHz	dB	30	33	
	862 – 6000 MHz	dB	18	25	
Material Temperature coefficient		KHz/°C	-25.79		
Substrate Material		-	42LT		
Ambient Temperature		°C	25		
Operating Temperature Range		° C	-30	-	+85
Storage Temperature Range		° C	-40	-	+85
Package Size		CSP1.1*0.9			

### Notes:

1. All specifications are based on the test circuit shown;
2. In production, all specifications are measured by Agilent Network analyzer and full 2 port calibration at room temperature;
3. Electrical margin has been built into the design to account for the variations due to temperature drift and manufacturing tolerances;
4. This is the optimum impedance in order to achieve the performance show.

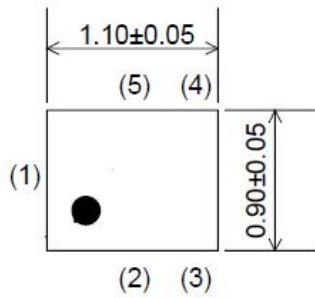
## Matching Configuration



**Source/Load Impedance=50 ohm**

Notes - Component values may change depending on board layout.

## Package Dimension

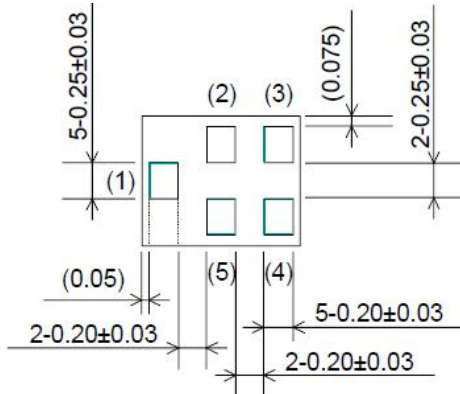


### Pad Configuration:

Input <1>

Output <4>

Ground All others



**Package: 1.1\*0.9**

**Unit: mm**

## Typical Performance

