

Dynamic Engineers Inc.

Website: www.DynamicEngineers.com Email: lnquiry@DynamicEngineers.com

SF3030AO-1675MHz-A 1675MHz Small Size SMD SAW Filter

Features and Benefits

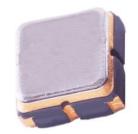
Center frequency: 1675MHz

I.L: 4.2dB Max.

Operating temperature: -40°C to +85°C

Size: 3x3x1.4mm

Package type: Surface Mount



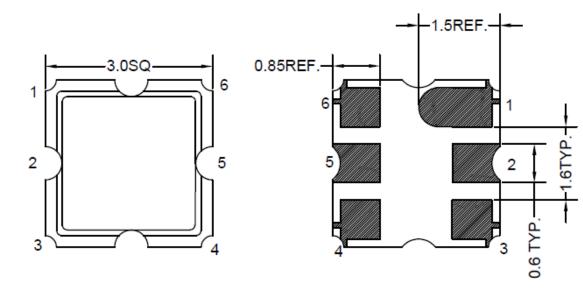
Typical Applications

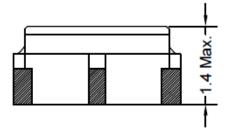
IOT Cellular Telecom 4G/LTE Wireless Communication WLAN Base Station Radar

Mechanical Drawing & Pin Connections

Drawing No:

MD240080-1





PIN	Function
#2	INPUT
#5	OUTPUT
Others	GND

Unit in mm

1mm = 0.0394 inches

Not Specified Tolerance: ±0.2mm



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Specifications

Parameter	Min.	Typical	Max.	Units
Center Frequency Fc		1675		MHz
Insertion Loss (1625~1725 MHz) IL		3.7	4.2	dB
Amplitude Ripple (1625~1725 MHz)		1.0	1.8	dB
VSWR (1625~1725 MHz)		1.7	2.4	
Attenuation (Reference level from 0 dB)				
50~1250 MHz	25	30		dB
1250~1540 MHz	20	31		dB
1820~3000 MHz	25	32		dB
Temperature coefficient of frequency		-80		ppm/k
Input Power Level		10		dBm
DC Voltage		3		V
Operating Temperature Range	-40		+85	°C
Storage Temperature Range	-40		+85	°C