

Dynamic Engineers Inc.

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

SF3030AO-422MHz-A

422MHz Small Size SMD SAW Filter

Features and Benefits

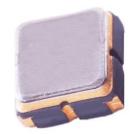
Center frequency: 422MHz

I.L: 3.5dB Max.

Operating temperature: -40°C to +85°C

Size: 3x3x1.4mm

Package type: Surface Mount



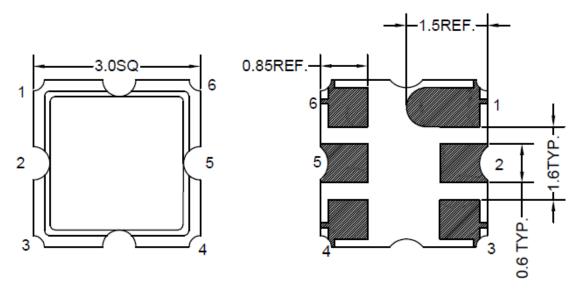
Typical Applications

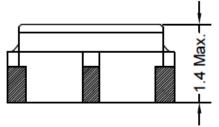
IOT Cellular Telecom 4G/LTE Wireless Communication WLAN Base Station Radar

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



Dynamic Engineers Inc.

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

SF3030AO-422MHz-A 422MHz Small Size SMD SAW Filter

Specifications

| Parameter | | Min. | Typical | Max. | Units | |
|-----------------------------------------|----|------|---------|------|-------|--|
| Center Frequency | Fc | | 422 | | MHz | |
| Insertion Loss (420~424 MHz) | IL | | 1.9 | 3.5 | dB | |
| Amplitude Ripple (420~424 MHz) | | | 0.3 | 1.6 | dB | |
| VSWR (420~424 MHz) | | | 1.5 | 2.4 | | |
| Attenuation (Reference level from 0 dB) | | | | | | |
| 10~380 MHz | | 55 | 71 | | dB | |
| 380~405 MHz | | 45 | 56 | | dB | |
| 414 MHz | | 10 | 69 | | | |
| 440~450 MHz | | 30 | 39 | | dB | |
| 450~700 MHz | | 50 | 58 | | dB | |
| 700~1000 MHz | | 42 | 56 | | dB | |
| Input Power Level | | | 10 | | dBm | |
| DC Voltage | · | | 3 | | V | |
| Operating Temperature Range | · | -40 | | +85 | °C | |
| Storage Temperature Range | | -40 | | +85 | °C | |