

- RF SAW Filter for mobile systems
- Revision 0: Feb 2017

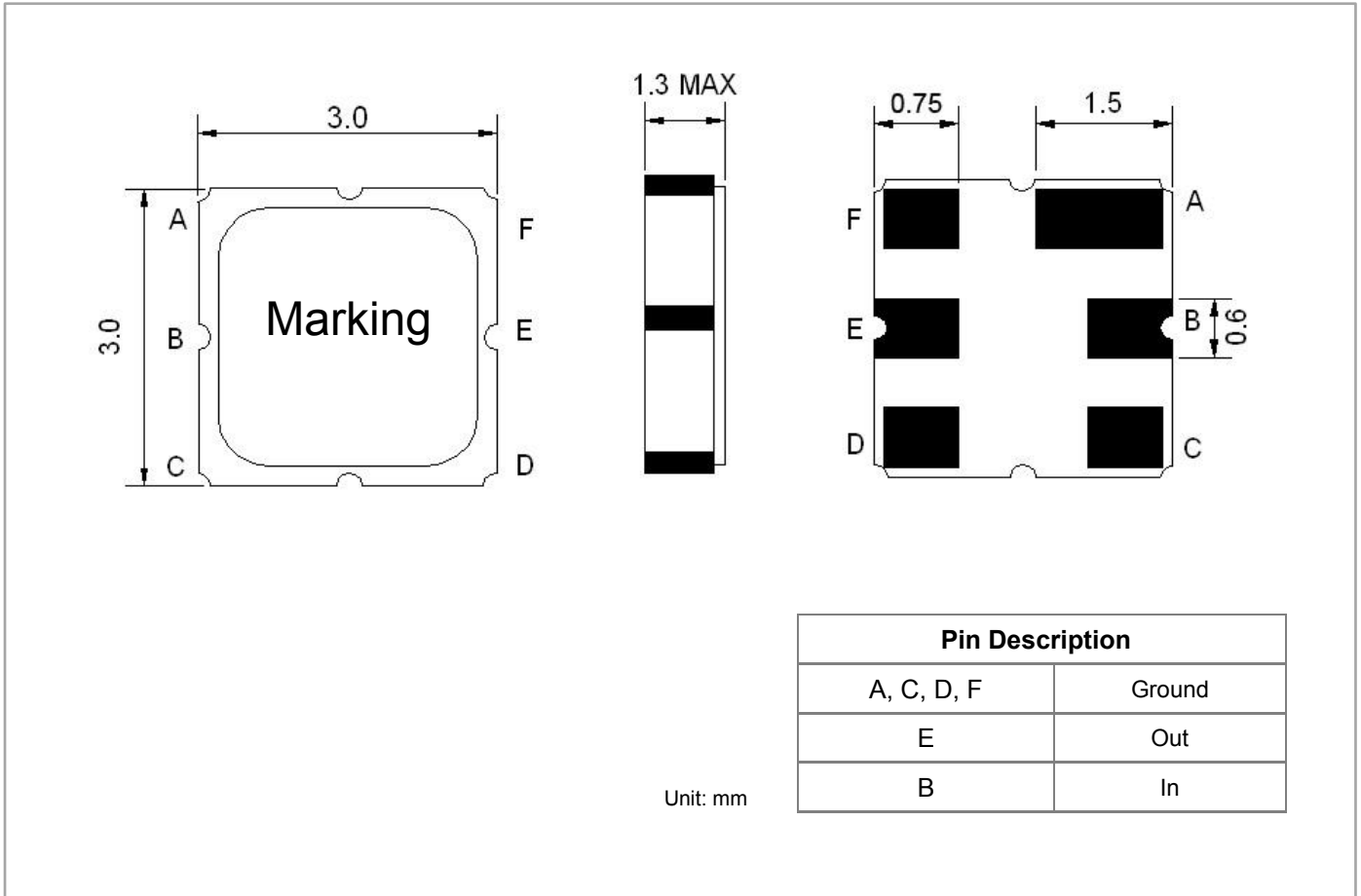
Electrical Characteristics

| MAXIMUM RATING | | | | |
|--|-----------------|---------|-----------|---------|
| PARAMETERS DESCRIPTION | UNIT | MINIMUM | TYPICAL | MAXIMUM |
| Operating Temperature Range | °C | -40 | - | +95 |
| Storage Temperature Range | °C | -40 | - | +95 |
| Maximum DC Voltage | V | - | - | 12 |
| Maximum Input Power | dBm | - | - | 24 |
| Source Impedance (single ended) ⁽¹⁾ | Ω | - | 50 | - |
| Load Impedance (single ended) ⁽¹⁾ | Ω | - | 50 | - |
| Package type & size | M | | | |
| Length x Width | mm ² | - | 3.0 x 3.0 | - |
| Height | mm | - | - | 1.3 |

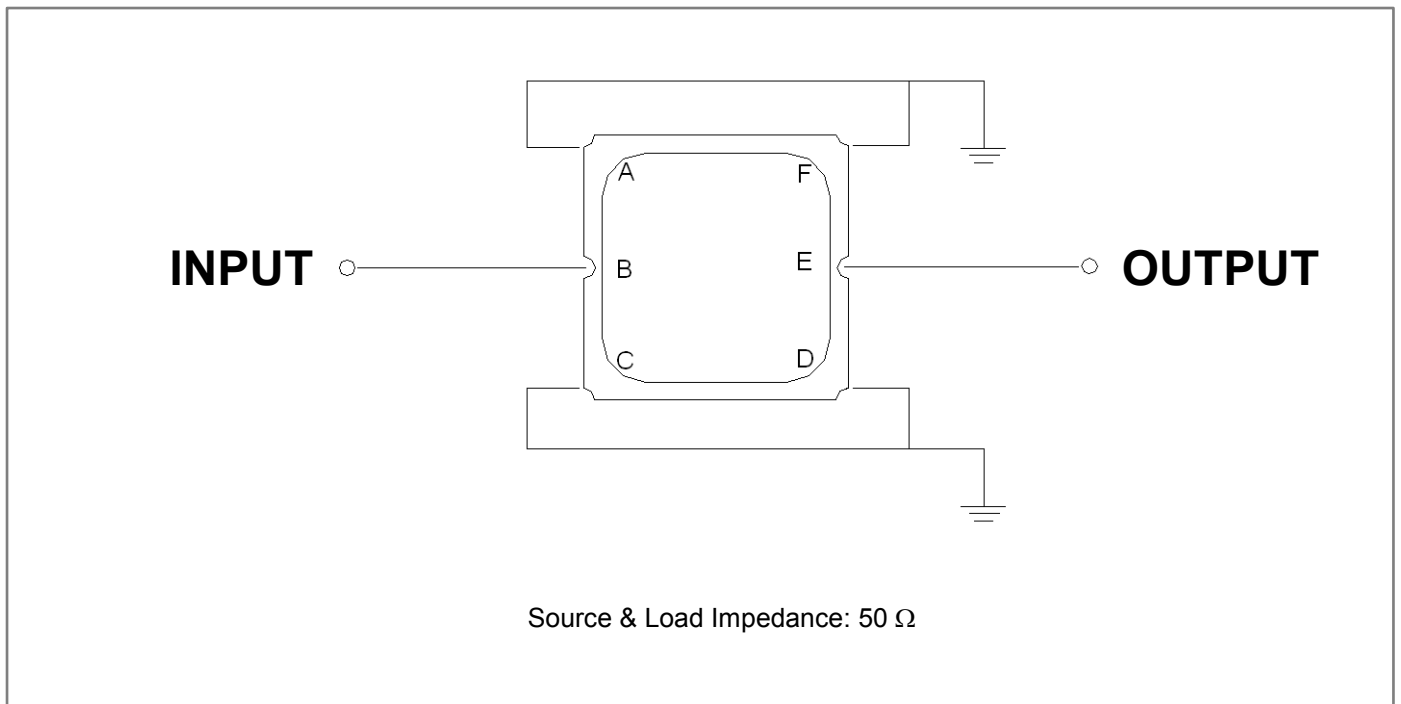
| ELECTRICAL SPECIFICATION | | | | |
|---|------|---------|---------|---------|
| PARAMETERS DESCRIPTION | UNIT | MINIMUM | TYPICAL | MAXIMUM |
| Center Frequency (Fo) | MHz | - | 915 | - |
| Insertion Loss within 902 ~ 928 MHz | dB | - | 2.2 | 3.2 |
| Amplitude Ripple within 902 ~928 MHz | dB | - | 0.3 | 1.0 |
| Group Delay Variation within 902 ~928 MHz | ns | - | 20 | 50 |
| Attenuation: | | | | |
| DC ~ 800.0 MHz | dB | 50 | 63 | - |
| 800.0 ~ 880.0 MHz | dB | 40 | 48 | - |
| 960.00 ~ 1080.0 MHz | dB | 32 | 39 | - |
| 1080.0 ~ 1500.0 MHz | dB | 45 | 60 | - |
| 1500.00 ~ 3000.0 MHz | dB | 22 | 28 | - |
| Input/Output VSWR within 902 ~928 MHz | dB | | 1.5 | 2.0 |

Notes: (1) No Matching Network (Ref. Testing Environment Circuit as shown below).

Package Dimensions



Testing Environment



Frequency Characteristics

Frequency Response

