

SPECIFICATION

COMMERCIALY AVAILABLE

SAW BAND PASS
PART NUMBER: SF1030300A
RoHS

10/28/2022 – All specification updated.

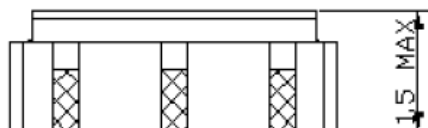
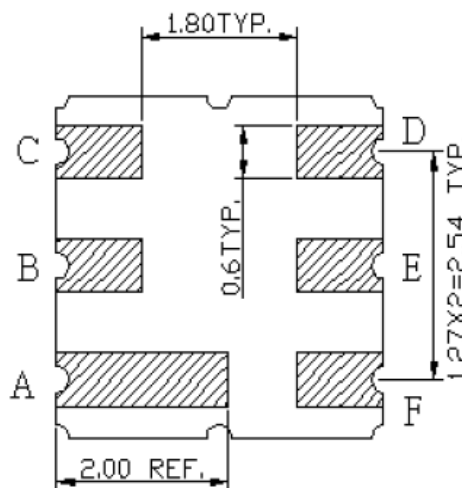
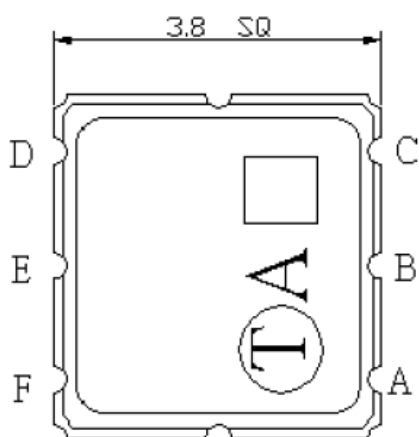
| ISSUED / REVISION | ENGINEER APPROVED | DOCUMENT CHECKED | DRAFTSMAN |
|-----------------------------|-------------------|------------------|-----------|
| 11/3/14 ^(kn) | | | |
| 12/8/14 ^(kn) | | | |
| 12/11/14 ^(kn) | | | |
| 10/28/2022 ^(asm) | | | |

FILTRONETICS Inc

1. Electrical Specifications:

| Index | Unit | Min | Typical | Max |
|---|------|-----|---------|-----|
| Center Frequency | MHz | - | 1030 | - |
| Insertion Loss (1015 ~ 1045 MHz) | dB | - | 2.4 | 3.5 |
| Passband Ripple (1025 ~ 1035 MHz) | dB | - | 0.1 | 1.5 |
| VSWR (1015 ~ 1045 MHz) | | - | 1.6 | 2.3 |
| Attenuation (Reference Level from 0 dB) | | | | |
| DC ~ 910 MHz | dB | 25 | 28 | - |
| 1090 ~ 1300 MHz | dB | 25 | 31 | - |
| Input Power Level | dBm | - | - | 24 |
| DC Voltage | V | - | - | 3 |
| Operating Temperature | °C | -55 | - | 100 |
| Storage Temperature | °C | -55 | - | 105 |

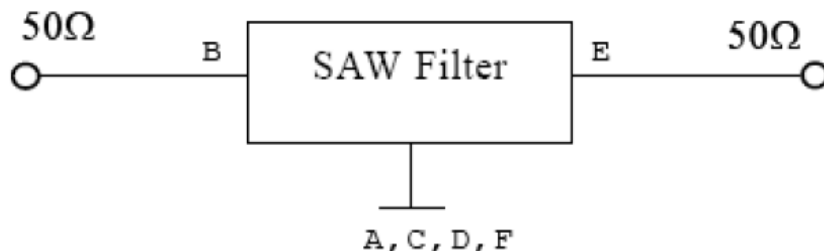
2. Dimension:



#B: Input #A,C,D,F: Ground
 #E: Output Unit: mm
 Ni, gold-plated terminals
 Ceramic SMD Package with Ni plated lid

Matching Configuration

HP Network analyzer



Source / Load Impedance = 50 Ω
Ambient Temperature = 25° C

3. Typical Response:

