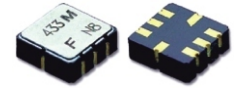


E Type 433M SAW Filter

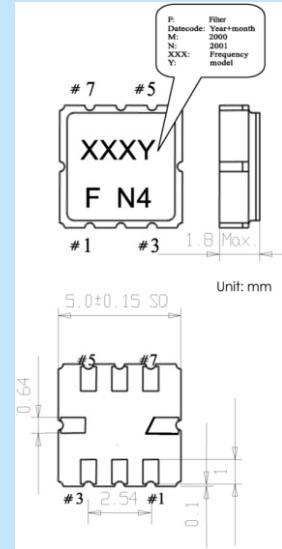
ROHS Compliant Standard



- ▲ **Application:** Remote control SMD
Ceramic package, Hermetically Sealed.
- ▲ **Characteristics:** Ambient temperature: 23°C
Input power level: 0dBm
Terminating impedance:
For input: 212 Ω // 3.1pF
For output: 212 Ω // 3.1pF
- ▲ **Part Number:** SE0433MLNL

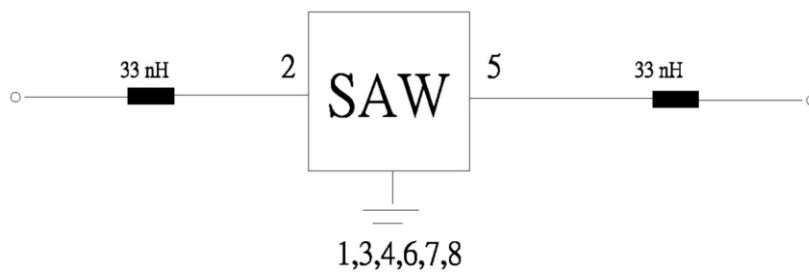
Specification

| Data | Typ. value | Tolerance/limit |
|--|------------|------------------|
| Insertion loss $a_{e=amin}$ (Reference level) | | Max. 5.0dB |
| Nominal frequency f_N | 433.92MHz | ±75Hz |
| 3dB Bandwidth | | 500min~750maxKHz |
| Pass band | | |
| 433.76 - 434.08 Mhz | | Max. 2.0dB |
| 433.74 - 434.10 Mhz | | Max. 3.0dB |
| 433.68 - 434.16 Mhz | | Max. 6.0dB |
| Relative attenuation a^{rel} | | |
| 414 - 428 Mhz | | Max. 40dB |
| 428 - 432.84 Mhz | | Max. 15dB |
| 434.92 - 442 Mhz | | Max. 10dB |
| 442 - 550 Mhz | | Max. 33dB |
| Input power level | | Max. 10dBm |
| Input DC Voltage | | Max. 12V |
| Operating temperature range | | -40°C...+85°C |
| Storage temperature | | -40°C...+85°C |

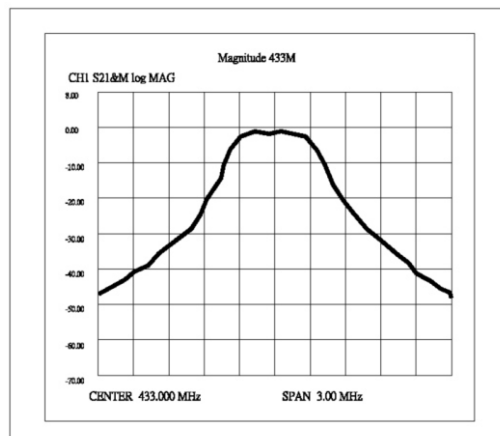


| PIN | FUNCTION | PIN | FUNCTION |
|-----|--------------|-----|--------------|
| #1 | Input Ground | #5 | Output |
| #2 | Input | #6 | OutputGround |
| #3 | Ground | #7 | Ground |
| #4 | Ground | #8 | Ground |

50 OHM Matching Network



Testing Profile



SAW RESONATOR