

SMD 869.0 MHz SAW FILTER



3.8 x 3.8 x 1.5mm

AFS869S3

APPLICATION: Automotive Electronics/Remote Control

STANDARD SPECIFICATIONS:

| CHARACTERISTICS | UNIT | MIN. | TYP. | MAX. |
|---------------------------|------|----------------|----------|------|
| Center Frequency Fc | MHz | - | 869.000 | - |
| Bandwidth | MHz | - | Fc ± 4.0 | - |
| Insertion Loss @ Passband | dB | - | - | 4.5 |
| Ripple @ Passband | dB | - | - | 1.5 |
| Relative Attenuation | | | | |
| 825.0 ~ 828.0 MHz | dB | 40 | - | - |
| 846.0 ~ 849.0 MHz | dB | 35 | - | - |
| 889.0 ~ 892.0 MHz | dB | 35 | - | - |
| 910.0 ~ 913.0 MHz | dB | 40 | - | - |
| DC Voltage | V | 10 | | |
| Source Power | dBm | 10 | | |
| Operating Temperature | °C | -30°C to +80°C | | |
| Storage Temperature | °C | -40°C to +85°C | | |
| Terminating Impedance | - | 50Ω/0 pF | | |

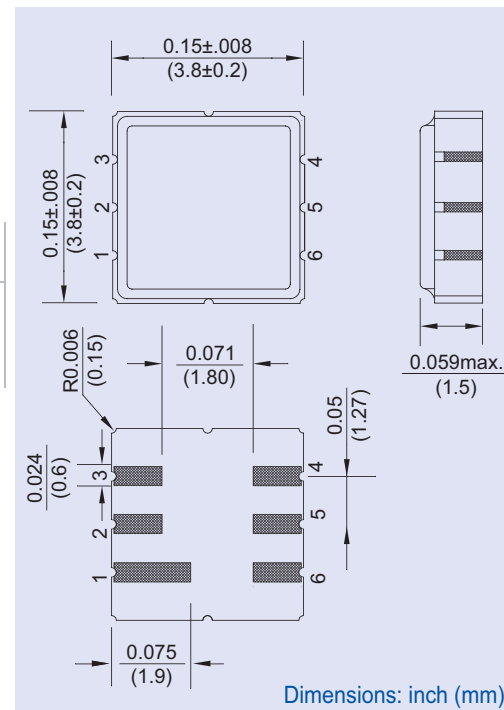
Electrostatic Sensitive Device. Handle with precaution.

MARKING:

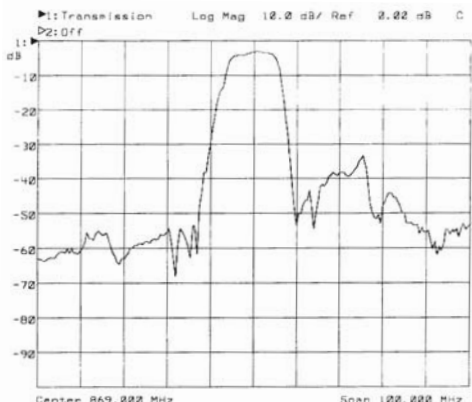
- 869F (869.0 Frequency in MHz)
- AZYX (ZY: Date code Z for month from A to L; Y for year, i.e. 4 for 2004; X: Traceability code)

| PIN NO. | CONNECTIONS |
|---------|-------------|
| 2 | Input |
| 5 | Output |
| Others | Ground |

OUTLINE DRAWING:



FREQUENCY RESPONSE:



TEST CIRCUIT:

