

# SMD 915.00 MHz SAW FILTER

AFS915.0W03-TS4

\*RoHS COMPLIANT



3 x 3 x 1.5mm

## STANDARD SPECIFICATIONS:

| CHARACTERISTICS                      | UNIT  | MIN.           | TYP.  | MAX. |
|--------------------------------------|-------|----------------|-------|------|
| Center Frequency Fc                  | MHz   | -              | 915.0 | -    |
| Pass Bandwidth                       | MHz   | -              | ±13.0 | -    |
| Insertion Loss (902MHz ~ 928MHz)     | dB    | -              | -     | 3.3  |
| Amplitude Ripple (902MHz ~ 928MHz)   | dB    | -              | -     | 1.5  |
| Relative Attenuation                 |       |                |       |      |
| 10 ~ 800 MHz                         | dB    | 50             | -     | -    |
| 800 ~ 845 MHz                        | dB    | 45             | -     | -    |
| 845 ~ 880 MHz                        | dB    | 35             | -     | -    |
| 947 ~ 992 MHz                        | dB    | 15             | -     | -    |
| 992 ~ 1020 MHz                       | dB    | 35             | -     | -    |
| 1020 ~ 1200 MHz                      | dB    | 45             | -     | -    |
| Temperature Coefficient of Frequency | ppm/k | -              | -30   | -    |
| Terminating Impedance                |       | -              | 50//0 | -    |
| DC Permissive Voltage                | V     | 10             |       |      |
| Operating Temperature Range          | °C    | 0°C to +70°C   |       |      |
| Storage Temperature Range            | °C    | -40°C to +85°C |       |      |
| Maximum Input Power                  | dBm   |                | 10    |      |

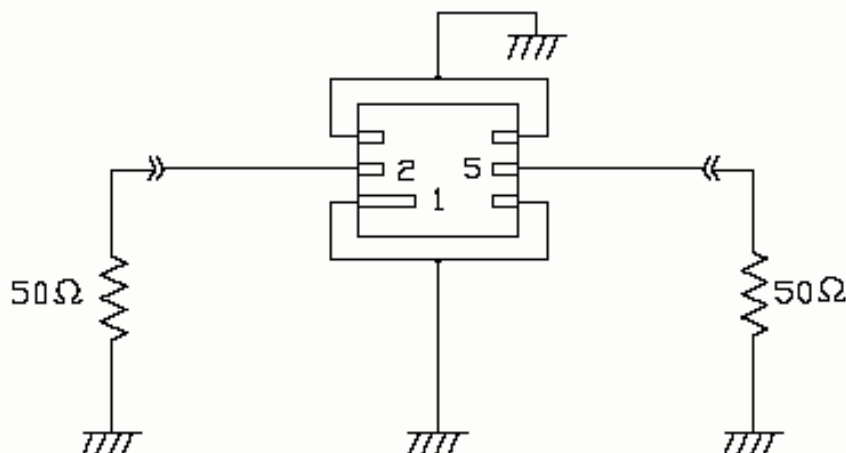
Electrostatic Sensitive Device. Handle with precaution.

## MARKING:

- AFS915 (915.0 Frequency in MHz)
- ZYX (ZY: Date code Z for month from A to L; Y for year, i.e. 4 for 2004  
X: Traceability code)

| PIN NO. | CONNECTIONS  |
|---------|--------------|
| 1       | Ground       |
| 2       | Input/Output |
| 3       | Ground       |
| 4       | Ground       |
| 5       | Output/Input |
| 6       | Ground       |

## TEST CIRCUIT:



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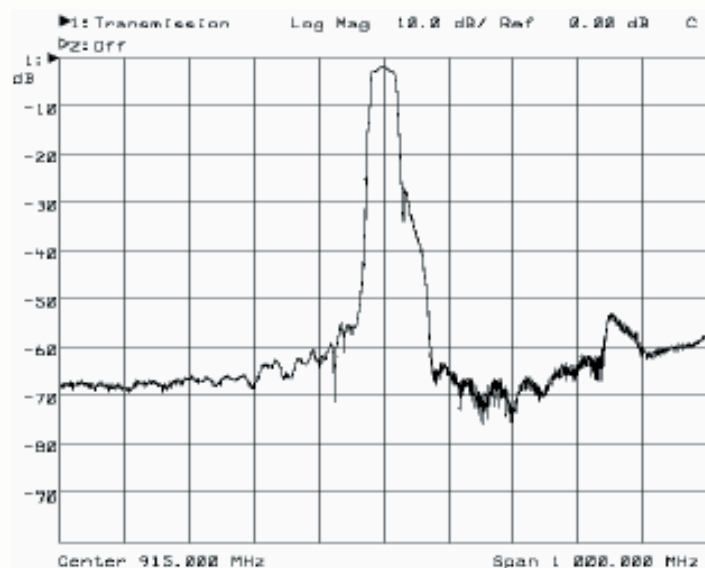
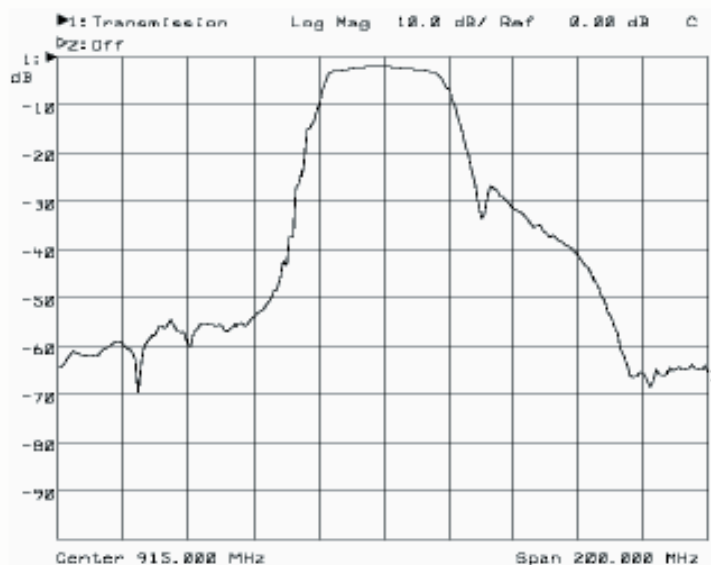
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## ➤ FREQUENCY CHARACTERISTICS:



## ➤ OUTLINE DRAWING:

