

## FILTER2 & FILTER2T ANTI-INTERFERENCE FILTER

RoHS

### FEATURES

- Small Footprint
- Industry Standard Pinout
- UL94-V0 Package
- Low price
- No Heatsink Required

### PRODUCT PROGRAM

| Part Number | Inductance value (μH) | Rated current (A)(max) | DCR(Ω) | Weight (g) |
|-------------|-----------------------|------------------------|--------|------------|
| FILTER2     | 2200*2                | 0.6                    | 0.25   | 1.8        |
| FILTER2T    | 660*2                 | 1.2                    | 0.10   | 1.2        |

### COMMON SPECIFICATIONS

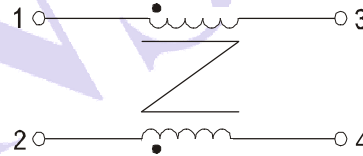
| Item                  | Test Conditions   | Min. | Typ. | Max.       | Units |
|-----------------------|---|------|------|------------|-------|
| Storage humidity      |   |      |      | 95         | %     |
| Operating temperature |   | -25  |      | 105        | °C    |
| Storage temperature   |   | -55  |      | 125        |       |
| Lead temperature      | FILTER2(1.5mm from case for 10 seconds)<br>FILTER2T(1.5mm from case for 10 seconds) |      |      | 300<br>260 |       |

Note: All specifications measured at TA=25°C, humidity<75% unless otherwise specified.

### APPLICATIONS

The series applies to analog circuits which are more sensitive to noise, and other occasions. If added a Filter2/Filter2T input to the module, the output noise can be reduced substantially.

### INTERNAL SCHEMATIC



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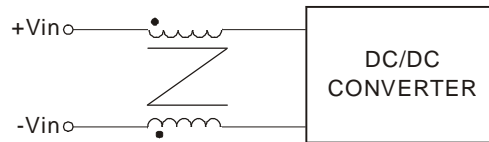
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### APPLICATION CIRCUIT



### OUTLINE DIMENSIONS (Unit: mm)

