Metallized Polyester Film Capacitor for Noise suppression of Automobile

Series: ECQE

Non-inductive construction using metallized polyester film with flame retardant epoxy resin

Features

- Excellent water-proof and corrosion-proof construction properties.
- Guaranteed operation temperature of 130 °C max
- Available with wide variety of terminals, including blacket and lead wire
- RoHS directive compliant

Recommended applications

- Noise suppression for automobile

Explanation of part number

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Product code: Dielectric & construction
Rated voltage
Capacitance
Suffix
Suffix
Suffix
Suffix

Applicable standard

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<tr>
<th>Category temperature range (Including temperature-rise on unit surface)</th>
<th>–40 °C to +130 °C (Except cord, connector, tube and tape)</th>
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<tr>
<td>Rated voltage *</td>
<td>250 V.DC (Derating of rated voltage by 1.11 %/°C at more than 85 °C)</td>
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<tr>
<td>Rated capacitance *</td>
<td>0.47 μF, 2.2 μF, 4.7 μF</td>
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<td>Capacitance tolerance</td>
<td>±20 % (M)</td>
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<td>Dissipation factor (tan δ)</td>
<td>tan δ ≤ 1.0 % (20 °C, 1 kHz)</td>
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<td>Withstand voltage</td>
<td>250 V.DC×150 % for 60 s</td>
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<td>Insulation resistance (IR)</td>
<td>IR ≥ 3000 MΩ·μF (20 °C, 100 V.DC, 60 s)</td>
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Dimensions (Example)

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<th>Connecting diagram</th>
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* Other voltage ratings, capacitance values and special dimensions are available upon request. Please consult engineering section.

Design and specifications are each subject to change without notice. Ask factory for the current technical specifications before purchase and/or use. Should a safety concern arise regarding this product, please be sure to contact us immediately.

02 Sep. 2017
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