**Interference Suppression Capacitors**

**Main Application**
Ground to line application for Interference suppression.

**Construction**
Low inductive cell of metallized polypropylene film encased in flame retardant box potted with flame retardant epoxy.

**Climatic Category**
40/105/56/B

**Applicable Specification**
IEC 384-14

**Capitance Value**
0.001µF-0.033µF

**Rated Voltage**
305VAC

**Capacitance Tolerance**
±10%, ±20%

**Insulation Resistance**
Minimum Insulation Resistance $R_{IS}$

$C_n \leq 0.33\mu F$

$C_n > 0.33\mu F$

(or) time constant $T = C_n \times R_{IS}$

$> 30,000 \text{ M}\Omega$

5000s

at 25°C, relative humidity ≤65%

**Voltage Proof**
2100 VDC for 2 sec.

**Tan δ**
0.3% (max) at 1 kHz.

**Life Test Conditions**
*(Loading at elevated temperature)*

Loaded at 1.25 times of rated voltage at 85 °C for 1000 hours. Once per hour; 1000 V (RMS) via resistor of 47Ω ±5% for 0.1 sec.

**After the test:**

ΔC/C: ≤10%

Increase of Tan δ: ≤0.005, Cn ≤1µF

Insulation resistance: ≥ 50% of the value mentioned in IR chart.

**Ordering Code and Packaging Units**

<table>
<thead>
<tr>
<th>Rated Voltage</th>
<th>Rated Capac. µF</th>
<th>Dimensions (mm)</th>
<th>Ordering Code</th>
<th>Packing Units</th>
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<tbody>
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<td></td>
<td>W   ±0.5</td>
<td>H   ±0.5</td>
<td>L   ±0.5</td>
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<td>305VAC</td>
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<td>9.0</td>
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Note: For more details please contact info@dekielectronics.com

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