



Note: '()' correspond to the letters used in the product bulletin

Click [here](#) for the 3D model.

**General Information**

|              |                  |
|--------------|------------------|
| Series       | SMP255           |
| Dielectric   | Metallized Paper |
| Style        | SMD Chip         |
| RoHS         | Yes              |
| Termination  | Tin              |
| Safety Class | X2               |

**Dimensions**

|   |               |
|---|---------------|
| L | 17.8mm +0.4mm |
| W | 17mm +0.6mm   |
| T | 10.2mm +0.4mm |
| F | 0.5mm NOM     |

**Packaging Specifications**

|                    |                             |
|--------------------|-----------------------------|
| Packaging          | T&R, Horizontal Orientation |
| Packaging Quantity | 270                         |

**Specifications**

|                       |            |
|-----------------------|------------|
| Capacitance           | 0.12 uF    |
| Tolerance             | 20%        |
| Voltage DC            | 630 VDC    |
| Voltage AC            | 310 VAC    |
| Temperature Range     | -40/+125°C |
| Rated Temperature     | 125°C      |
| Dissipation Factor    | 1.3% 1kHz  |
| Insulation Resistance | 12 GOhms   |
| Max dV/dt             | 1,200 V/us |

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