

## Technical Data Sheet

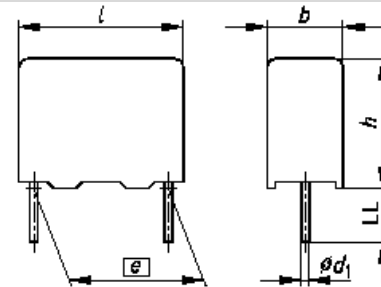
### Metallized Polyester Film Capacitors – MKT

### Plastic Case

Part Number B32529-C0183-J

#### Construction

- Dielectric: metallized polyethylene terephthalate
- Stacked-film capacitor technology
- Plastic case (UL 94 V-0)
- Epoxy resin sealing



#### Terminals

- Parallel wire leads, tinned

#### Marking

- Manufacturer's logo
- Rated capacitance (coded), rated tolerance, DC rated voltage

#### Delivery Mode

- Bulk

#### Dimensions

- Lead spacing (e): 5.0 ± 0.4 mm
- Width (b<sub>max</sub>): 2.5 mm
- Height (h<sub>max</sub>): 6.5 mm
- Length (l<sub>max</sub>): 7.2 mm
- Lead diameter (φ): 0.5 mm
- Lead length (LL): 6.0 - 1.0 mm

#### Electrical Characteristics

Rated capacitance C:	0.018 μF
Capacitance tolerance:	±5 %
Rated DC voltage U <sub>r,dc</sub> :	63 V-
Rated AC voltage U <sub>r,ac</sub> :	40 Vac
Climatic category according to IEC 68-1	55/125/56
Lower category temperature T <sub>min</sub> :	-55 °C
Upper category temperature T <sub>max</sub> :	+125 °C
Pulse handling capability (dV/dt):	250 V/μs
Pulse characteristic K <sub>0</sub>	30.000 V <sup>2</sup> /μs
Voltage test	1.4 V <sub>r</sub> ; 2s
Loss factor (tang δ) @ 20°C, 1 kHz:	8 · 10 <sup>-3</sup>
Insulation Resistance R <sub>is</sub> at 20°C, 50V	1250 s
rel. Humidity ≤ 65%	

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**Notes:** Please take all additional data not mentioned above from our data book

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