

Technical Data Sheet

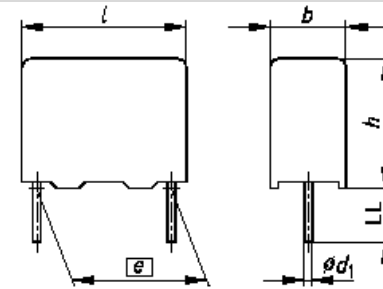
Metallized Polyester Film Capacitors – MKT

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_{max}): 2.5 mm
- Height (h_{max}): 6.5 mm
- Length (l_{max}): 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 _{dc} :	63 V-
Rated AC voltage U _{ac} :	40 Vac
Climatic category according to IEC 68-1	55/125/56
Lower category temperature T _{min} :	-55 °C
Upper category temperature T _{max} :	+125 °C
Pulse handling capability (dV/dt):	250 V/µs
Pulse characteristic K ₀	30.000 V ² /µs
Voltage test	1.4 V _r ; 2s
Loss factor (tang δ) @ 20°C, 1 kHz:	8 · 10 ⁻³
Insulation Resistance R _{is} 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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