



## Film Capacitors

### Boxed capacitor

<b>Series/Type:</b>	<b>B32673S5XXXX5XX</b>
<b>Ordering code:</b>	<b>Energy Meter LS 22.5 mm (Non Impregnated)</b>
<b>Date:</b>	<b>2015-10-01</b>
<b>Version:</b>	<b>06</b>

## Delivery mode

- Bulk (untaped)

## Construction

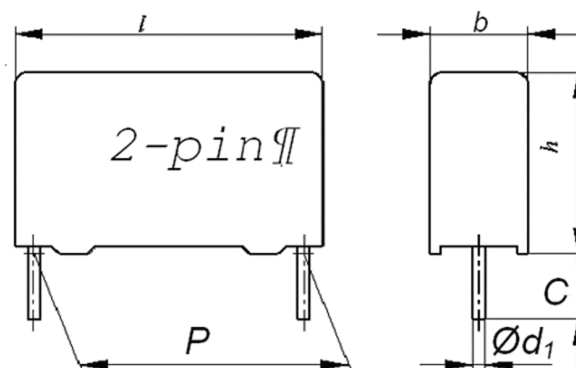
- Polypropylene Dielectric: (MKP)
- Deposited metal layer electrodes
- Non inductive winding
- Plastic case enclosure
- Epoxy resin sealing
- Parallel rigid tinned lead free terminals

## Features

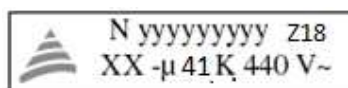
- Very Small dimensions
- Better Self-healing properties
- Standard lead length (C)  $17 \pm 1$  mm
- Lead diameter (d1)  $0.8 \pm 0.05$  mm

## Marking

- Manufacturer's logo and lot number
- Manufacturing date code
- Rated capacitance (coded)
- Capacitance tolerance (code letter)
- AC voltage



Dimensions in mm



Example for 0.41  $\mu$ f

## Electrical characteristics

■ Rated capacitance C	0.18μF ~ 0.47μF
■ Capacitance tolerance	± 5% (J) , ±10 % (K)
■ Rated AC Voltage	305 V (50/60 Hz)
■ Rated AC Voltage	440 V (50/60 Hz) for 500 hrs.
■ Rated DC Voltage	630 V
■ Climatic category (IEC60068-1)	40/100/56
■ Upper category temperature:	+100°C
■ Lower category temperature:	-40°C
■ Pulse Handling Capability (dv/dt)	150V/μS
■ Dissipation factor (in 10 <sup>-3</sup> )	
@20°C , 1KHz	1 x 10 <sup>-3</sup>
@20°C , 100KHz	10 x 10 <sup>-3</sup>
■ Insulation Resistance Ris	
at 20° C, 100V (60 sec)& RH ≤65%	30 Gohm
■ DC test voltage	1200 V / 2sec
■ Surge / Impulse withstanding capability	1.2 KV (rise time = 1.2μs , fall time = 50μs
(with ref IEC 60384-14)	For 3 pulse (duration between 2 pulse = 10 sec)

## Capacitance details

Lead Space	Rated Capacitance	Lead Space (mm)	Dimension Max b x h x l (mm3)	Product Code
22.5 mm	0.18μF	22.5±0.4	6.0 x 15.0 x 26.5	B32673-S5184-K514
	0.22μF	22.5±0.4	6.0 x 15.0 x 26.5	B32673-S5224-K515
	0.30μF	22.5±0.4	7.0 x 16.0 x 26.5	B32673-S5304-J525
	0.33μF	22.5±0.4	7.0 x 16.0 x 26.5	B32673-S5334-K516
	0.39μF	22.5±0.4	7.0 x 16.0 x 26.5	B32673-S5394-K517
	0.41μF	22.5±0.4	8.5 x 16.5 x 26.5	B32673-S5414-K518
	0.43μF	22.5±0.4	8.5 x 16.5 x 26.5	B32673-S5434-K519
	0.47μF	22.5±0.4	8.5 x 16.5 x 26.5	B32673-S5474-K520

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