Capacitor for AC voltage applications
MKP 300-165

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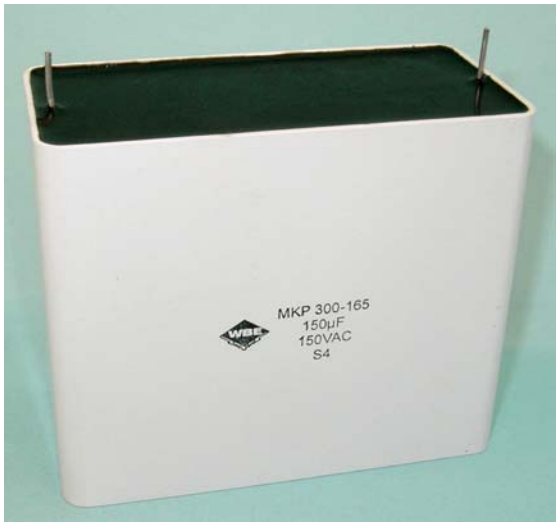

Standard ratings:
B = 55 mm
H = 75 mm
L = 110 mm
d = 1,4 mm
L_V = 20 mm

Construction:
The capacitors are made of metallized polypropylene film, self healing noninductive construction in plastic flame retardant rectangular case, epoxy resin sealed.
Leads: tinned Cu wire d = 1,4 mm, the length 20 mm, other length on request
Other construction of leads on request.

Technical data:
Rated voltage U_R: 150V 50/60 Hz
Rated voltage is the max. DC or peak voltage, for which the capacitor is designed.
If the capacitor works with the DC and also super-imposed AC voltage U_{AC}, the sum of DC and the amplitude of AC must not exceed the U_R
Rated capacitance: 150µF, other values on request
Tolerance: ±20%, ±10%, ±5%
Dissipation factor Tgδ: < 0,001 at +25°C and 100 Hz
Insulation resistance R_{IS}: 10/C [GΩ;µF], at 100VDC after 1 minute charging
Climatic category: 40/070/21
Operating temperature range: -40 ÷ +70°C Max
The highest permissible capacitor temperature at the hottest point of the case must not exceed +70°C.
Test voltage between terminals:
1,4 x U_R applied for 2 sec
Pulse rise time dU/dt: ≤ 10V/µsec

Related standards: IEC 60384-1, EN 130 000

Marking for purchase ordering:
MKP 300-165
150µF 150VAC 50/60 Hz

Warning! The manufacturer is not responsible for any damages, caused by the improper installation and application. Before using the capacitor in any application, pleas, read carefully this technical data-sheet