

IGBT Snubber Capacitors - Screw Mount

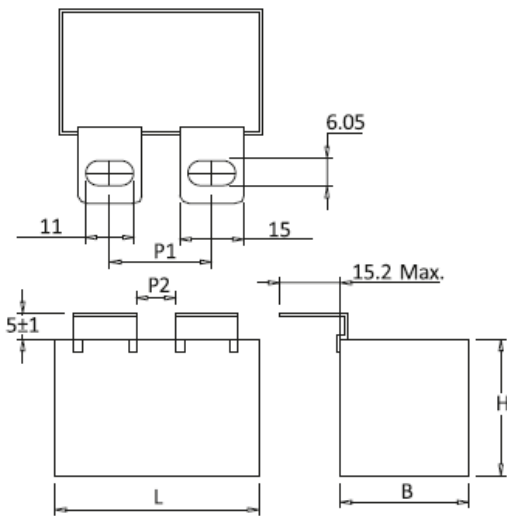
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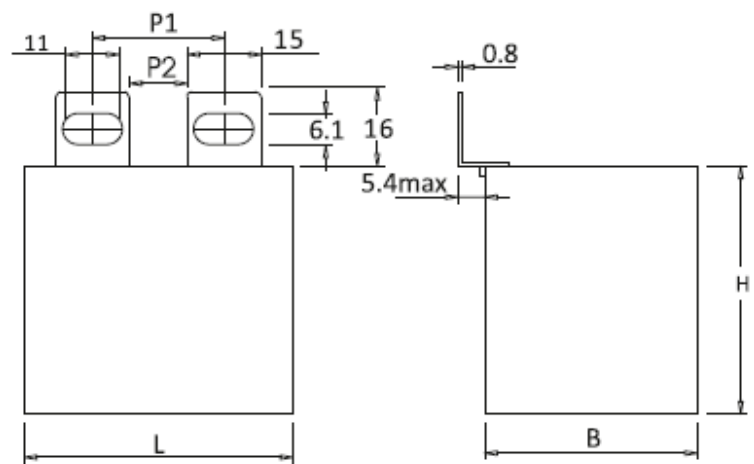
Features

- Dielectric - Polypropylene
- Self-healing construction
- Flame Retardancy: UL94V0
- Reference standard: IEC 61071
- With thermosetting resin end fill

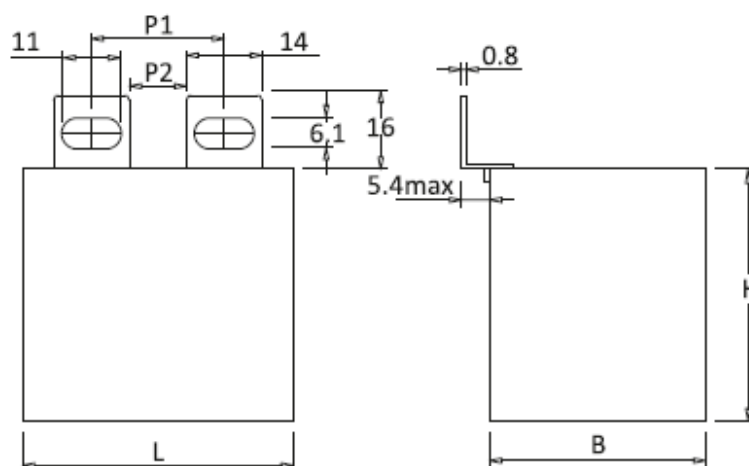
**RoHS
Compliant**



MP004122



MP004123



MP004131

Dimensions : Millimetres

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Case Code	B ± 1	H ± 1	L ± 1	P1± 0.5	P2(-0/+0.5)	Terminal Style
E2	35	42	45	26.5	11.5	RL
						TL
				27	13	MTL

Electrical Parameter

Nominal Capacitance at 1kHz & 25°C	1 Micro Farad
Capacitance Tolerance	K ±10%
Rated Voltage DC @ 25°C	1500
Rated Voltage AC @ 25°C & 50Hz	630
Test Voltage between terminals for 10 Sec	3000 V DC
Tan D @ 1kHz & 25°C	<0.0005
ESR @ 100 kHz (±30%)	< 3 mΩ
Self-Inductance (ESL)	12 nH
IR at 25°C & at a test voltage of 500V DC applied for 60 secs.	> 30.000MΩ
DV/DT	1300 V/μSec
I peak	1300 Amps
Irms at 100kHz & 70°C	26 Amps
Temperature Range	-40°C to +105°C

Part Number Table

Description	Part Number
IGBT Snubber Capacitors, 1μF, 10%, 630V AC, RL Terminals	MP004122
IGBT Snubber Capacitors, 1μF, 10%, 630V AC, TL Terminals	MP004123
IGBT Snubber Capacitors, 1μF, 10%, 630V AC, MTL Terminals	MP004131

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