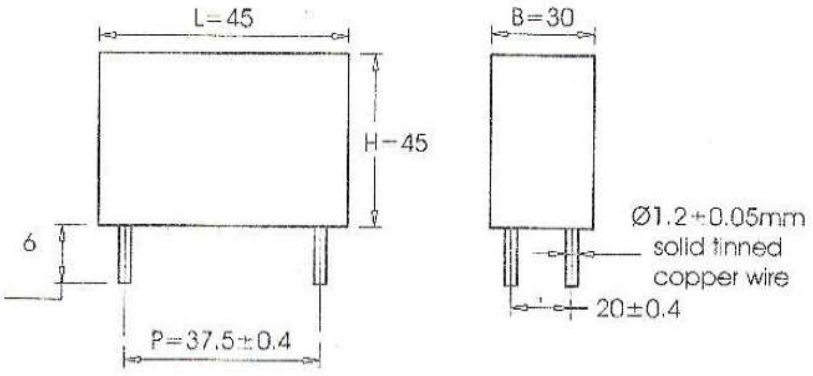
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ALCON ELECTRONICS PRIVATE LIMITED

Capacitor Specifications	Metallized Polypropylene Film Capacitors	
Design reference no:	MKR - 090	DATE: 23.02.2011
Description:	22MFD J 400 VDC B3 4L	

Construction

Dielectric : Polypropylene Film
Capacitor electrodes: Single metallised plastic film



Dimensions are in mm

Case code	Dimensions					
	B max	H±1	Lmax	P±0.5		Terminal Style
B3	30	45	45	37.5		4L

Electrical parameters

1	Nominal capacitance at 1 KHz and 25 deg. C	22Micro Farad
2	Capacitance tolerence	J±5%
3	Rated Voltage DC at 25 deg. C (Vr)	400
4	Rated Voltage AC at 25 deg. C and 50 Hz.	250
5	Test voltage between terminals for 10 secs.	640Vdc
6	Typical ESR at 100 Khz & 25°C	3mΩ
7	Tan D at 1Khz and 25 ° C	< 0.001
8	Self inductance (ESL)	≤ 30 nH
9	IR at 25° C and at a test voltage of 100 Vdc applied for 60 secs.	>1200mega Ohms
10	Maximum DV/DT	45V/μS
11	Irms @ 100Khz, 70 deg.C	26 Amps.
12	Temperature range	-40 °C to +85 ° C

Prepared by	Verified by	Approved by

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