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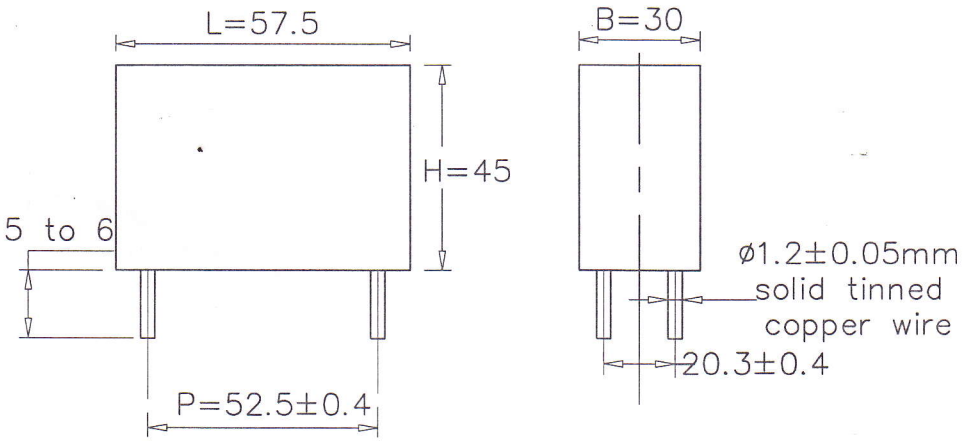
ALCON ELECTRONICS PRIVATE LIMITED

Capacitor Specifications DC link Capacitors

Design reference no: MKR – 144 Rev 01 DATE: 26.02.2014

Description: 40MFD K 700Vdc H5 4L

Customer : Rectificadores Guasch, S.A.
Enclosure: UL94V0 flame retardant
Epoxy fill : UL94V0 flame retardant
Reference Std: IEC 61071
Construction: Metallised PP, dry self healing



Rev 01: Tan d measurement frequency corrected from 1 Khz to 100 Hz

Dimensions are in mm

Case code	Dimensions					
	B ±1	H±1	L±1	P±0.4		Terminal Style
H5	30.0	45.0	57.5	52.5		4L

Electrical parameters

1	Nominal capacitance at 1 KHz and 25 deg. C	40Micro Farad
2	Capacitance tolerence	K±10%
3	Rated Voltage DC at 25 deg. C	700 Vdc
4	Rated Voltage AC 50Hz 25°C	200 Vac
5	Test voltage between terminals for 10 secs.	1050Vdc
6	Tan D at 100 Hz and 25 ° C	< 0.0005
7	IR at 25 deg C & at a test voltage of 100 Vdc applied for 60 secs.	>500 mΩ
8	Max. DV/DT	15 V/µS
9	Irms @ 10Khz & 85°C	12.5Amps
10	Life expectancy FIT @ 0.5xVdc; 40°C	<10
11	Typical ESR (±30%) @ 10KHz	9 m Ohms
12	Temperature range	–25 °C to +85 ° C

Prepared by	Verified by	Approved by

QDF FR 021 REV 01

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ICS ISO 14001 : 2004
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