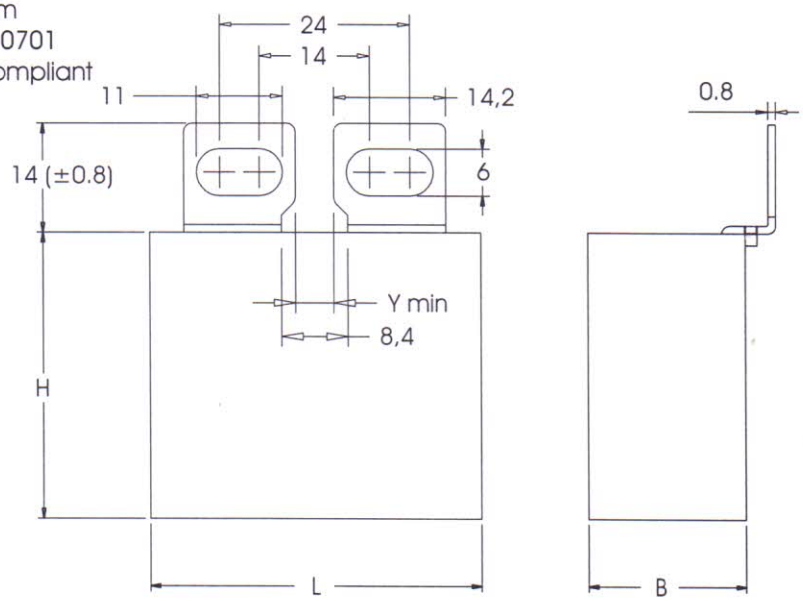
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ALCON ELECTRONICS PRIVATE LIMITED
REGISTERED TO ISO 9001
REGISTERED TO ISO 14001

Capacitor Specifications	IGBT Snubber Capacitors	
Design reference no:	MP-4-461 REV 00	DATE:22.06.2016
Description:	2.2 MFD K 700 VDC B3 OTL	

Construction
Dielectric : Polypropylene Film
Reference standard : IEC 610701
Flamability UL94-V0, RoHS compliant

Customer : Ozdisan



Dimensions are in mm

Case code	Dimensions					
	B±1	H±1	L±1	P ± 0.5	Y min	Terminal Style
B3	30	45	45	14–24	4.9	OTL

Electrical parameters

1	Nominal Capacitance at 1 KHz and 25 deg. C	2.2 Micro Farad
2	Capacitance Tolerance	K ±10%
3	Rated Voltage DC at 25 deg. C	700
4	Rated Voltage AC at 25 deg. C and 50 Hz.	420
5	Test voltage between terminals for 10 secs.	1400 Vdc
6	Tan D at 1Khz and 25 deg. C	<0.0005
7	Effective series inductance (ESL)	12 nH
8	IR at 25° C and at a test voltage of 100 Vdc applied for 60 secs.	≥30000 mega Ohms
9	Maximum DV/DT	615 V/μS
10	I peak	1350 Amp
11	Irms at 100 Khz & 70 deg C	24 Amperes
12	Temperature range	-40 deg.C to +85 deg. C
13	Max.ESR at 100 KHz (±30%)	2.4 mili ohms

Prepared by	Verified by	Approved by

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