

C53 IGBT 塑壳吸收电容器

Main technical parameters

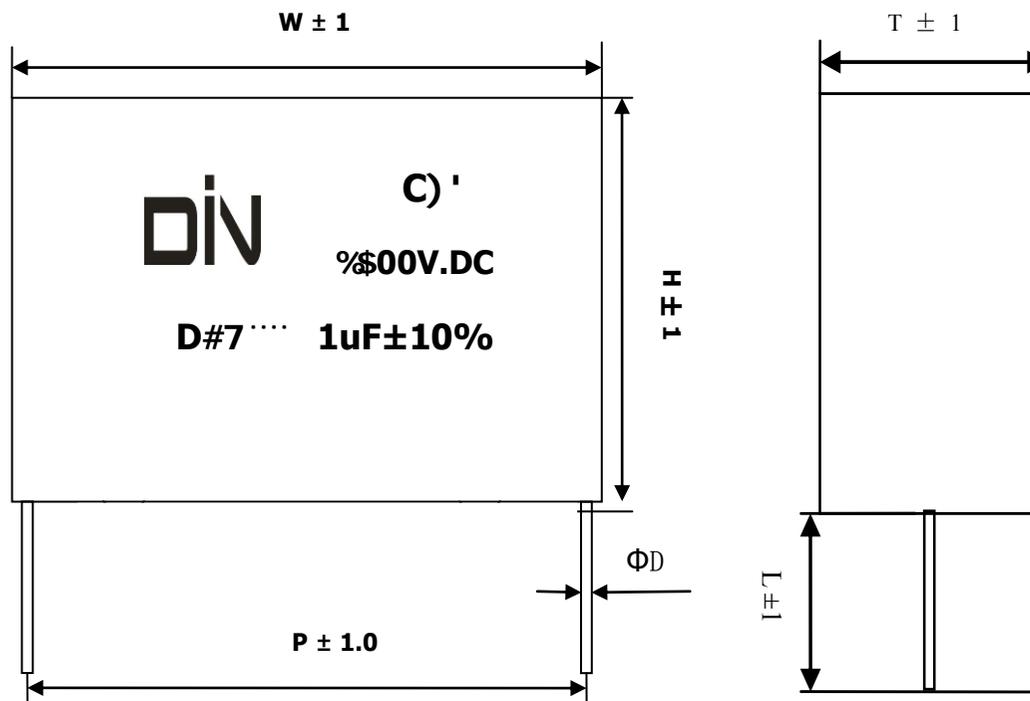
Rated capacitance	Cn	1.0uF
Capacitance tolerance		±10%
Dissipation Factor	tg δ	≤10 ⁻⁴ (25°C±5°C,1KHz)
Rated voltage	Un	1000V.DC
Insulation Resistance	IR	≥5 000S (20°C,500V,1min)
Maximum current	Irms	14A(70°C;100KHz)
Maximum peak current	Ip-p	850A
Series resistance	ESR	5.5mΩ (100KHz)
Self inductance	Ls	≤29nH
Failure quota	λ	100Fit
Operating Temperature Range	°C	-40~+85°C
Expected lifetime		100 000H
Max.Altitude	Alt	2000m
Reference Standard		IEC61071/IEC60831

Test parameters

Between Terminals	Ut-t	1.5*Un 10S
Between Terminals and Case	Ut-c	2000+2Un(VAC)(10S) (Min3000VAC)

产品工艺

Film		Metalized polypropylene film
Case		Flame-retardant plastic case
Epoxy		Flame-retardant Epoxy-white
Terminal		CU wire



Customer	Platan						
TYPE	Dimensions (mm)						Part No.
	W	H	T	P	L	D	
C53105K1000V	41	37	22	37.5	5.5	1.2	C531052GJ7K3A5A0L0
Approval by	Checked by	Made by	CUSTOMER CONFIRM				 深圳市创仕鼎电子有限公司 Tel:0755-29948886 29948363 Fax:29948916 Http://www.csdcapacitor.com E-Mail:sales@csdcapacitor.com Address: Tower 3, NanTai YunChuang Valley, Tangwei, Fenghuang St. , Guangming District, 518107, Shenzhen, China
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DATE	2022/4/21		DATE				