

C54 IGBT 塑壳插片吸收电容器

Main technical parameters

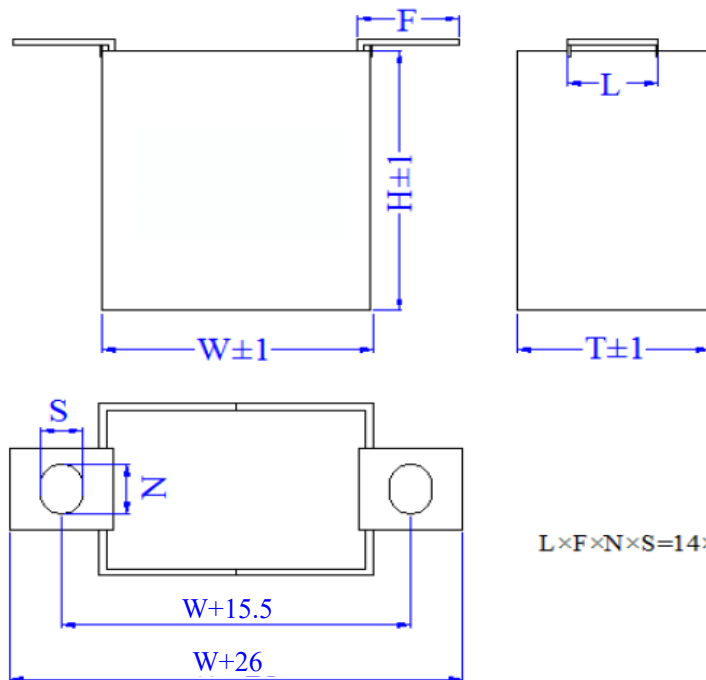
Rated capacitance	Cn	1.5uF
Capacitance tolerance		±10%
Dissipation Factor	tg δ	≤10 ⁻⁴ (20°C , 1KHz)
Rated voltage	Un	1000V.DC
Insulation Resistance	IR	≥5 000S (25°C,100V,1min)
Maximum current	Irms	16.5A(70°C ;100KHz)
Maximum peak current	Ip-p	1275A
Series resistance	ESR	5.0mΩ (100KHz) (典型值, 实测为准)
Self inductance	Ls	≤29 nH
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		silvered copper terminal



L×F×N×S=14×15×8.5×6.5

DIN C54
1000V.DC
D/C 1.5uF±10%
www.csdin.comm

Customer		platan			
TYPE	Dimensions (mm)				Part No.
	W	H	T		
C54155K1000V	42	45	30		C541552GJ7K3AC257.5B
Approval by	Checked by	Made by	CUSTOMER CONFIRM		 深圳市创仕鼎电子有限公司
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DATE	2023/10/16		DATE		