

C54 IGBT snubber capacitor

Main technical parameters

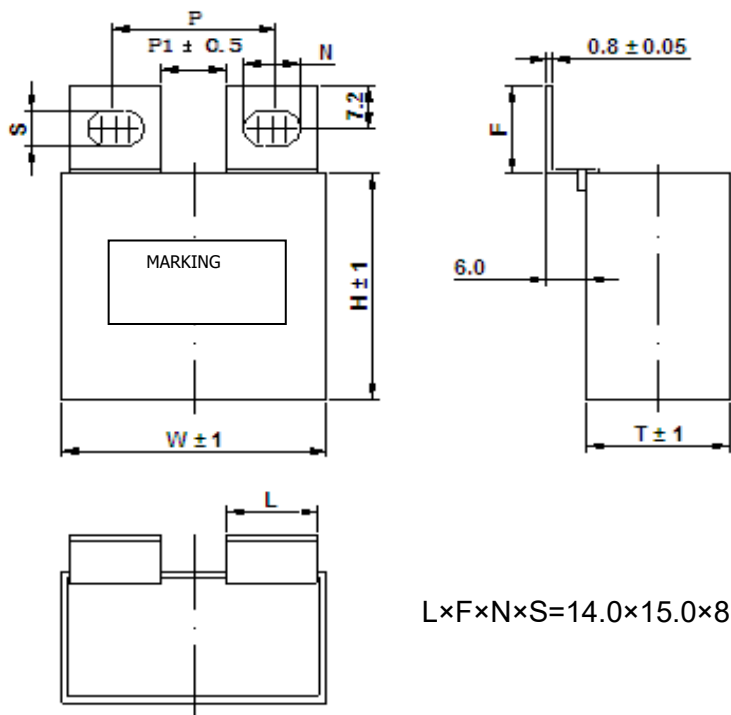
Rated capacitance	Cn	0.47uF
Capacitance tolerance		±10%
Dissipation Factor	tg δ	≤10 ⁻⁴ (25°C±5°C,1KHz)
Rated voltage	Un	1600V.DC
Insulation Resistance	IR	≥5 000S (25°C±5°C,500V,1min)
Maximum current	Irms	18A(70°C;100KHz)
Maximum peak current	Ip-p	587.5A
Series resistance	ESR	4.0m Ω (100KHz)
Self inductance	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		silvered copper terminal



L×F×N×S=14.0×15.0×8.5×6.5

DIN C54
1600V.DC
D/C 0.47uF±10%

Customer		Platan					
TYPE	Dimensions (mm)				Part No.	NOTE	
	W	H	T	P			
C54474K1600V	42	37	28	26	C544742JJ4K3HA126B		
Approval by	Checked by	Made by	CUSTOMER CONFIRM		Shenzhen Chuangshiding Electronics co.,ltd		
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DATE	2022/4/13		DATE				