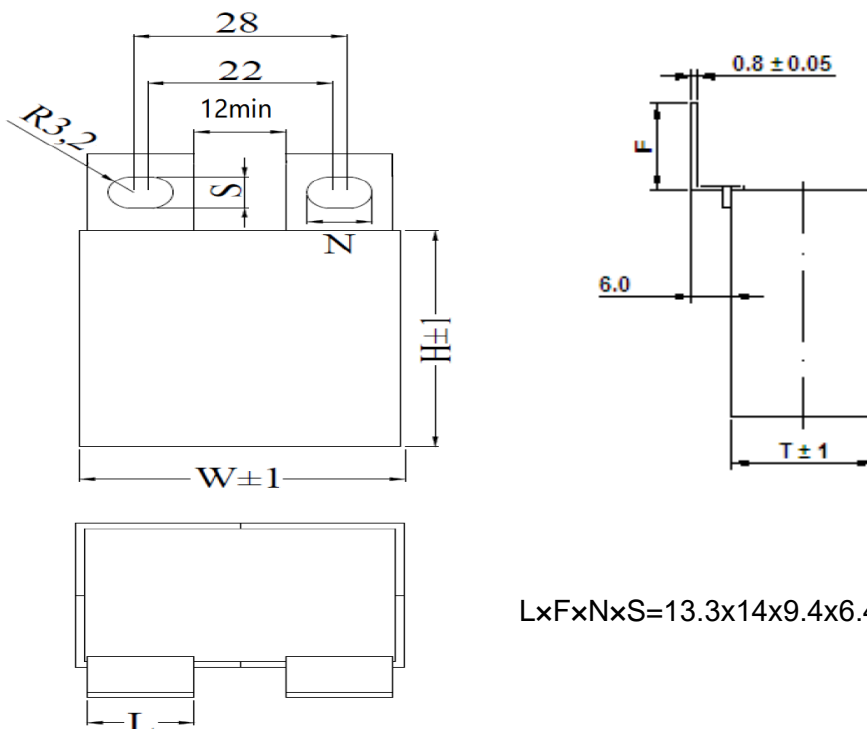


# C54 IGBT 塑壳插片吸收电容器

## Main technical parameters

Rated capacitance	Cn	0.47uF
Capacitance tolerance		±10%
Dissipation Factor	tg δ	≤10 <sup>-4</sup> (25°C±5°C, 1KHz)
Rated voltage	Un	1000V.DC
Insulation Resistance	IR	≥5 000S (20°C,500V,1min)
Maximum current	Irms	8A(70°C;100KHz)
Maximum peak current	Ip-p	400A
Series resistance	ESR	≤10m 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
<b>Test parameters</b>		
Between Terminals	Ut-t	1.5*Un 10S
Between Terminals and Case	Ut-c	2000+2Un(VAC)(10S) (Min3000VAC)
<b>产品工艺</b>		
Film		Metalized polypropylene film
Case		Flame-retardant plastic case
Epoxy		Flame-retardant Epoxy-white
Terminal		silvered copper terminal



**DiN** C54  
1000V.DC  
D/C 0.47uF±10%  
www.csdin.com

<b>Customer</b>		Platan LLC				
<b>TYPE</b>	<b>Dimensions (mm)</b>				<b>Part No.</b>	<b>NOTE</b>
	W	H	T			
C54/474K1000V	42.5	28	17		C544742FJ5K3AA125B	
<b>Approval by</b>	<b>Checked by</b>	<b>Made by</b>	<b>CUSTOMER CONFIRM</b>		<b>DiN 深圳市创仕鼎电子有限公司</b>	
		Zhou			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	
<b>DATE</b>	2023/05/08		<b>DATE</b>			