

## C82 resonant capacitor

### Main technical parameters

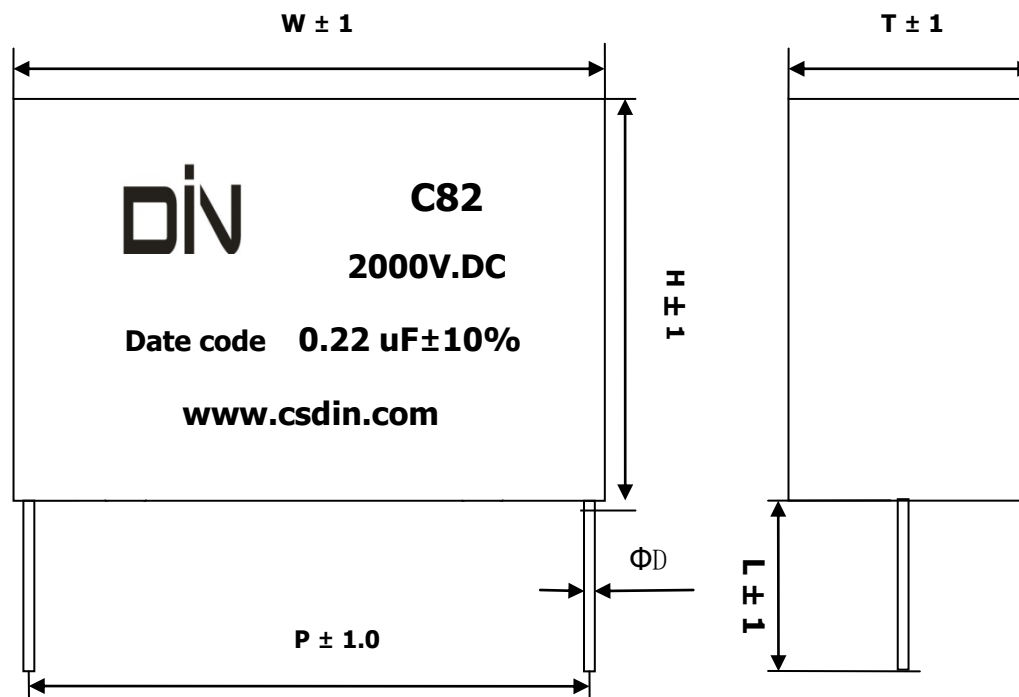
Rated capacitance	Cn	0.22uF
Capacitance tolerance		±10%
Dissipation Factor	tg δ	≤20*10 <sup>-4</sup> (25°C, 10KHz)
Rated voltage	Un	2000V.DC
Self inductance	Ls	25nH
Maximum current	Irms	10A
Series resistance	Rs	< 15mΩ
Withstand current ability	Dv/dt	1500V/us
Insulation resistance	R <sub>I</sub>	C*R≥5000S
Failure quota	λ	100Fit
Operating Temperature Range		-40~+105°C
Expected lifetime		100 000H
Max.Altitude		2000m
Reference Standard		IEC61071/IEC60831

### Test parameters

Voltage test between terminals	Ut-t	1.5*Un/5S
A.C.voltage test terminals to case	Ut-c	2000+2Un(VAC)(10S) (Min3000VAC)

### Product process

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



<b>Customer</b>	<b>Platan</b>								
<b>TYPE</b>	<b>Size mm</b>						<b>Part No.</b>	<b>NOTE</b>	
	W	H	T	P	L	D			
C82/224K2000V.DC	41	32	18	37.5	5.5	1.2	C822242KJ8K3K5A0L0		
<b>Approval by</b>	<b>Checked by</b>	<b>Made by</b>	<b>CUSTOMER CONFIRM</b>			<b>深圳市创仕鼎电子有限公司</b>			
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<b>DATE</b>	2023/2/9		<b>DATE</b>						