规格承认书

SPECIFICATION FOR APPROVAL

型号（**Model**）： DEMJ-PC

规格 （**Spec.**）： 80uF±5% 2300V.DC

尺寸（**Size**） ： φ35×115

版本号 Version	更改说明 Description	日期 Date
A/0	初始版本	2022-06-20

编制 **MADE**	**审核** **CHECKED**	**批准** **APPROVED**	**客户承认** **APPROVED**
朱益娟	戴静	俞广铨	

应用 Application:

■ Applied in medical extracorporeal defibrillation equipment;

■Pulse power supply unit

产品特点 Product characteristics：

■Plastic shell, epoxy resin encapsulation, easy installation;

■High energy storage density;

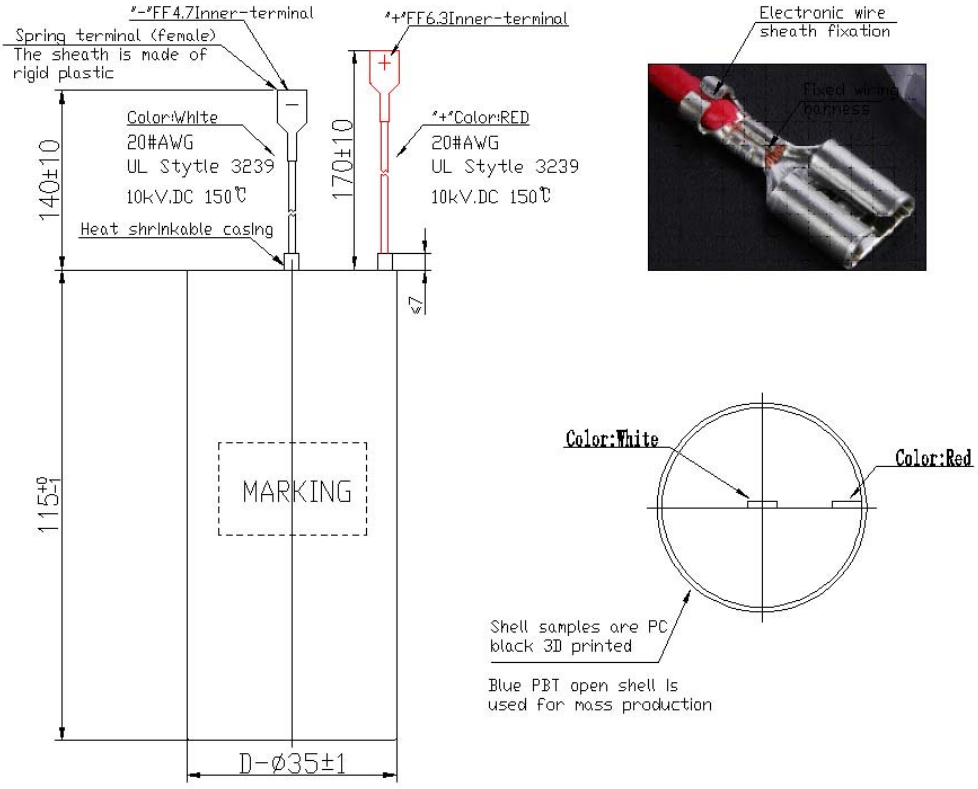
■Self-healing design, no inductive winding;

■Provide custom size design;

■In line with the RoHS.

Standards: IEC61071

尺寸外形图 **Outline drawing** Unit:mm



规格尺寸 **Specification & size** (Code:3pfie-10ty)

Cn (μ F)	Un(V.DC)	Φ D(mm)	Shell height (mm)	The length of the lead (mm)
80	2300	35	115(0~+1)	140/170

Technical data

Rated capacitance	C_N	80μF±5%@1kHZ
Rated voltage	U_N	2300V.DC（最大保压 50S)
Rated energy	W_N	238Ws

Voltage change rate	DV/DT	Voltage rise rate meets: charging 4~7S
		Voltage down rate meets: discharge 5.6~20ms
		≤2V/μS
Maximum peak current	Î	＜160A@25℃
Maximum surge current	Is	＜480A
Tangent of the loss	tan δ	0.0150(100Hz)
Tangent of the loss angle	tan δ 0	0.0002
Self discharge time const.	C ×Ris	≥5000Sec （100V.DC for 300S at 25℃）
		Voltage drop＜5%@40℃，10S
		Voltage drop＜25%@60℃，10S
Self inductance	Le	≤1μH
Lowest operating temperature	Θ min	-40°C
Maximum operating temperature	Θ max	70°C（hot）
Storage temperature	Θ storage	-40°C ~70°C
Discharge resistance		Non.
Service life	A LOAD OF resistance	≥3000次（@ Load resistance＞10Ω）
at Θ hotspot		≤70 °C
failure quota		*100Fit*
Test data		
Voltage test between terminals	Vtt	2530V.DC/10S
A.C. voltage test terminal/container	Vt-c	2*Ui+1000V.AC/10S
Operating altitude		3500m(max)
When the altitude is between 2000m and 3500m, derate the dynamic electrical parameters by 10% (for every 1500m increase).		