SPECIFICATION
APPROVAL SHEET

RoHS Compliant ✓

CUSTOMER:

PRODUCTS: MKMJ series MD Pulse Capacitor

CATEGORY: 2.3KVDC195uF

ORDERING CODE: 207J232D41601

CUSTOMER CODE:

DATE: Jan 18th, 2021

承認印/APPROVAL STAMP		
供 方 /VENDER		客 戶 /CUSTOMER
Design	**Audit**	
SW Liang 9/24/20	WQ Ji 9/24/20	

Specification Revisions:

Revision Level	Revision Change	Date	Initials
Ver 1.0	New design	9/24/2020	WQ. Ji
Ver 2.0	Active status update	Feb 7,22	X.J.
Ver 3.0	Altitude →4600M	220711	X.J.

CABO ELECTRONICS(FOSHAN) LIMITED
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A Hi-Reliability capacitor brand of China
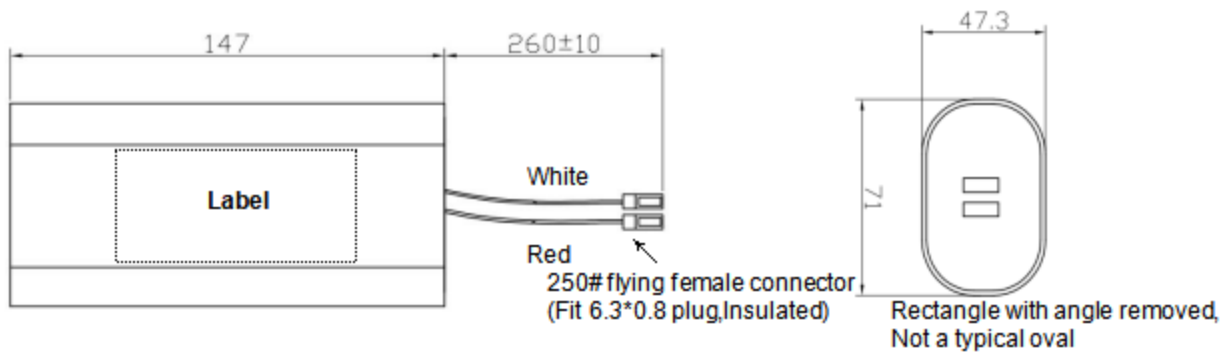### Failure Rate ≤50FIT | 100% Tested Before Delivery

CABO

MKMJ series MD Pulse Capacitor

2.3KVDC195uF Ordering code: 207J232D41601

147   260±10

White
Label
Red
250# flying female connector
(Fit 6.3*0.8 plug,Insulated)

47.3

71

Rectangle with angle removed,
Not a typical oval

(Dimensions in mm, unspecified dimensions tolerance ±1mm)

技術參數 Technical specification

Electrical Characteristics	
電容量 Capacitance(C_n)	195uF @100Hz, 25℃
容量偏差 Capacitance tolerance	±5%
額定能量 Energy	515J
額定電壓 Rated Voltage(U_n)	2300Vdc
脈衝電流 Peak Current(I_{Peak})	300A (Dv/Dt＞1.5V/μs)
損耗角正切值 Dissipation Factor	tgδ≤0.0020 @ 25℃, 100Hz
絕緣電阻 Insulation Resistance(R_i)	Ri*C≥5000s @100V ,25℃,10s
等效串聯電阻 ESR	＜3.0mΩ
運行溫度 Operating Temperature(T_w)	-40~+70℃
貯藏溫度 Storage Temperature(T_s)	-45~+85℃
濕度 Humidity (RH)	0~95%
預期壽命 Expected Lifetime(C/D cycles)	≥60,000 Hrs (serving time @ θh.s≤70℃) ≥10,000 shots (@50 ohm load,2.3kV)
Mechanical and test parameters	
極間耐壓 Test voltage between terminals	2500Vdc,10s @25℃
極殼耐壓 Test voltage between terminal/case	3000Vac @50/60Hz, 60s
外殼材料 Enclosure materials	PBT, Blue
密封材料 Sealing materials	Epoxy resin,Dry type
引出線材 Leading wire	22AWG 3239 10kV silicon rubber
電介質 Dielectric medium	Metallized polypropylene film,self-healing
海拔高度 Altitude	＜4600m
阻燃性 Fire resistance	UL94 V-0
防爆等級 Explosive-proof grade	P0

適用於工業控制、能源機、心臟除顫器等醫療設備的直流濾波和儲能放電場合。

MKMJ series MD pulse capacitors special designed for dc filtering and pulsed discharge application.Can be used into industrial control,defibrillator,X-ray,energizer etc.

引用標準 Reference standard

IEC61071-1/2   IEC60601-2-4   CABO internal standard

包裝與運輸 Packing and shipment

The capacitors are packed into a cardboard box,its FAST-ON terminals are shorted,any kinds of shipment are permitted.But the sprinkle of rain or snow and mechanical damage must be avoided.

標識 Marking

The capacitor is marked by laser print or stamp or adhesive label,
With following information:

1.Rated capacitance value(195μF)

2.Rated voltage(2300Vdc)

3.Tolerance on rated capacitance(±5%)

4.Part number of this capacitor(207J232D41601)

5.Year and week of manufacture(e.g. CG2103)

6.QR code(Data Matrix):Part number_trace code (e.g. 207J232D51601_CG2103)

7.HV danger warning label

■Cautions and Warnings!

(1) The capacitor have not discharge resistors between terminals, so the energy stocked in the capacitor may be lethal, before handle capacitors please discharge through resistor, short-circuit the capacitor is not permit.

(2) Check thickness of the connections/terminals periodically.

(3) Do not use or store capacitors in corrosive atmosphere, especially where chloride gas, sulfide gas, acid, alkali, salt or the like are present. In the dusty environment regular maintenance and cleaning especially of the terminals is required to avoid conductive path between phases.

(4) All the data measured at Room Temperature(R.T. 23±8℃) unless otherwise specified.

(5) CABO is not responsible for any damages, which are caused by the improper installation and application. Before using the capacitor in any application, please read carefully this technical data-sheet.

(6) Don't hesitate to contact us for any doubts and more detail information.

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VER 3. 0