High Voltage Live-line Capacitors
12KV 24KV 36KV System Voltages

DONGGUAN AMAZING ELECTRONIC CO., LTD. focus on the high voltage capacitor field since 2001, with over 20 patents. This series capacitors are widely used in Medium Power Transmission Systems as live-line indication capacitors on 12kV, 24kV & 36kV system voltage lines.

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Features	Applications
■ Low dissipation factor of 0.2% at 1 KHZ	■ Live-Line display
■ High frequency ≥550KHZ	■ Capacitor insulator
■ High current ≥50mA	■ SF1 breakers
■ High voltage ≥2 times	■ Vacuum breakers
■ High insulation resistance ≥200000MΩ	■ Lightning arrester
■ Long life ≥10 years	

MZCT86A24KV150PF

Electrical Characteristics								
Capacitance （PF）	TYPE	Working Voltage (KVDC)	TOL (%)	Withstand Voltage (KVDC)	D (mm)	L1 (mm)	L2(mm) Include screws	Thread Size (mm)
MZCT86A24KV150PF	24KV Screw TYPE	24	15	68	16	60	80	M4

Note: Can provide customization

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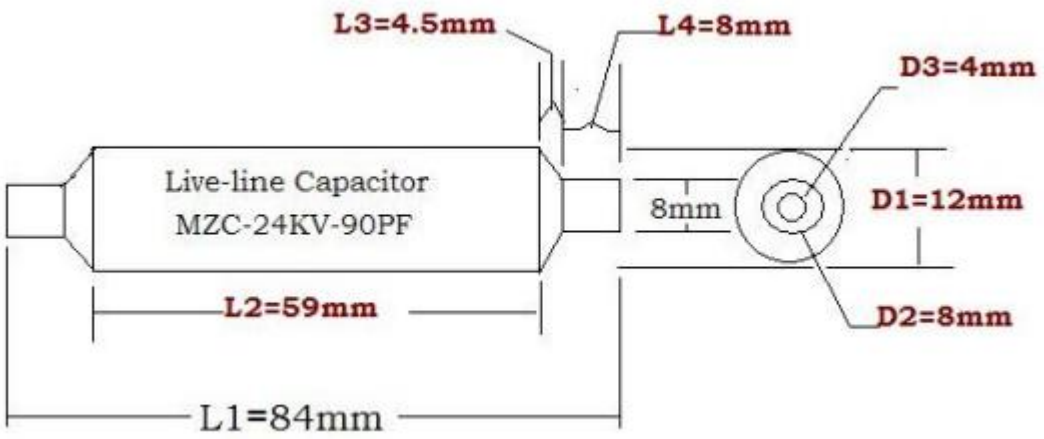
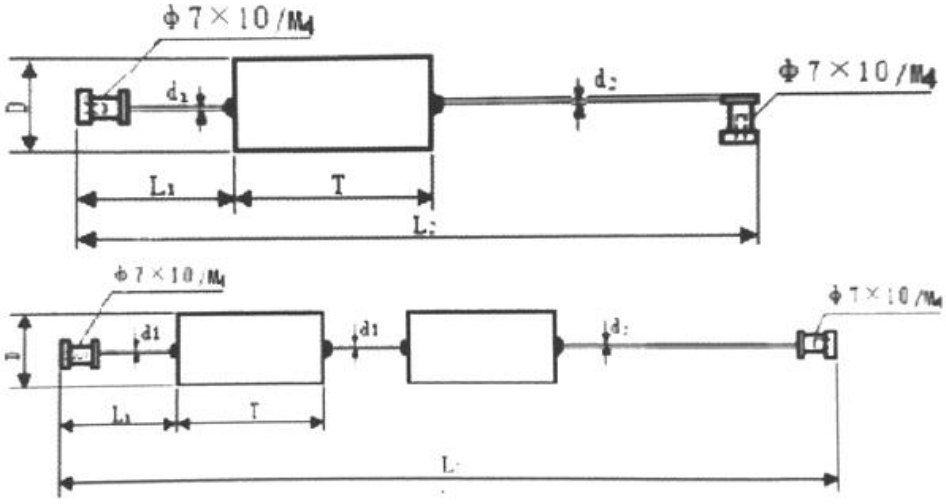
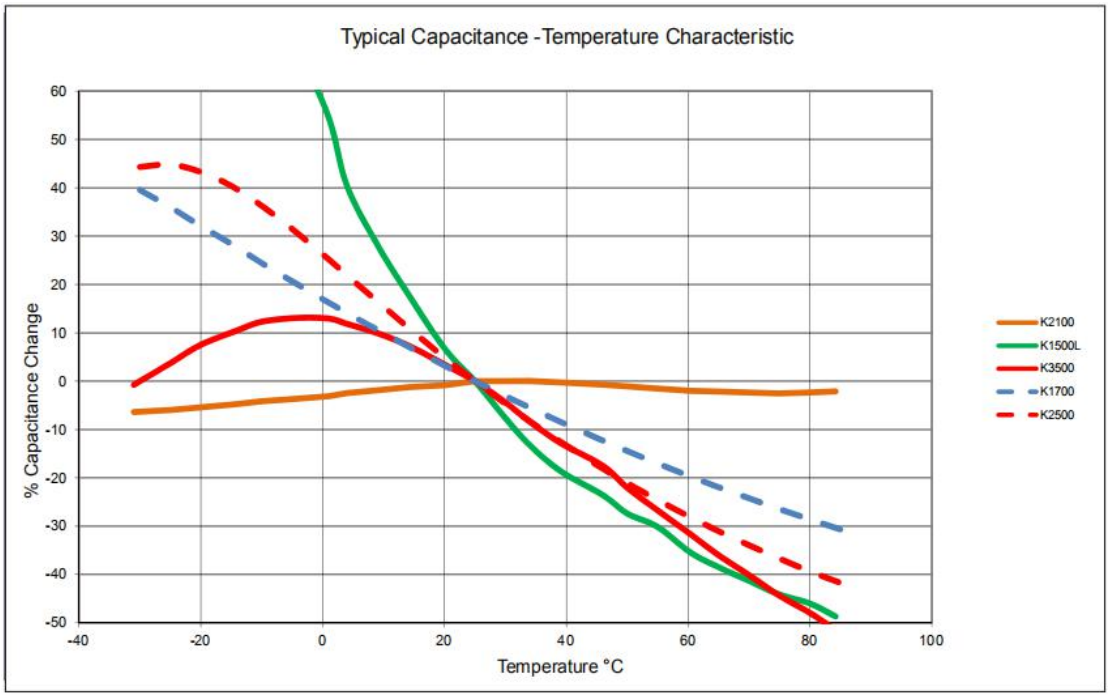
TYPE A

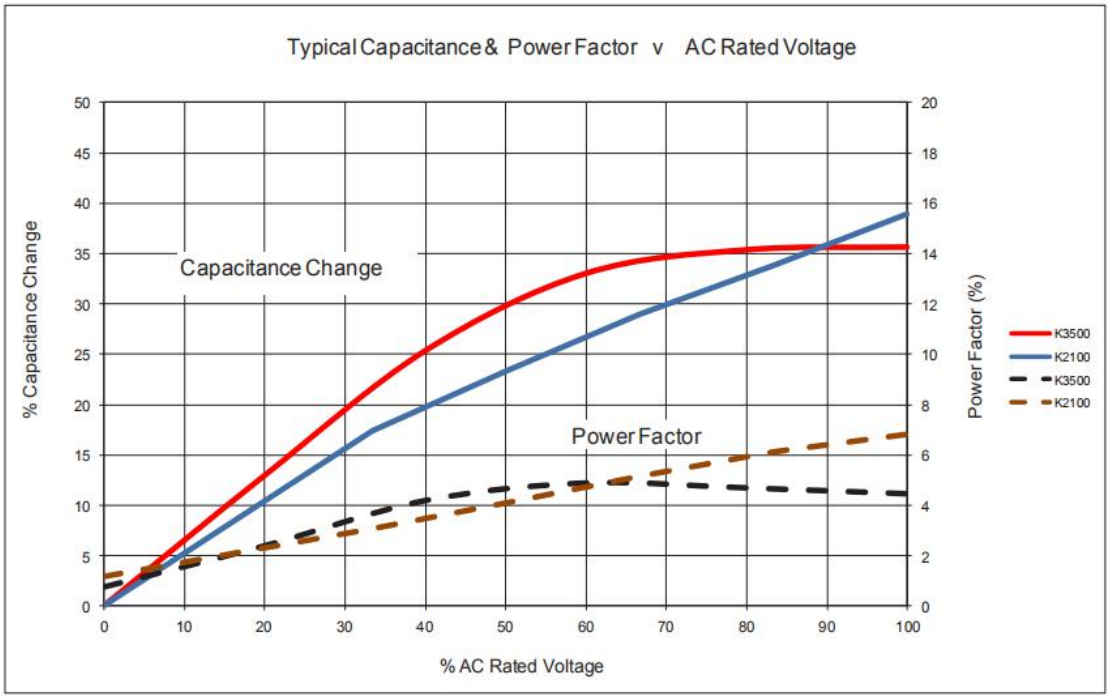


TYPE B



Ceramic Dielectric Properties				
Ceramic Dielectric	Operating Temperature Range(℃)	Insulation Resistance（≧MΩ）	Dissipation Factor≦	Temperature Characteristics
Y5T（D）	-25～+85℃	100000	0.50%	-0.11





Notes:
(1) During transportation and storage • Do not transport or store where the capacitor will be exposed to high temperature or high humidity. • Do not expose to poisonous gases such as H_2SO_4, HCL or HNO_3. • Avoid excessive impact such as that caused by falling. (2) During operation • Avoid contact with electrolytes such as perspiration. Do not touch with bare hands. • Avoid excessive impact such as that caused by falling. • Do not apply solder to stud terminals. • Do not re-machine the terminals. (3) Usage • When the capacitor is used for high-speed pulses such as with a laser, make sure that the impressed voltage (peak-to-peak volt-age) is within the capacitor’s rated specifications. • Make sure that the capacitor is not exposed to radiant heat.