Preliminary

Technical Data Sheet

Electrical Specifications

Capacitance/Tolerance: 100 µF, ±10%
DC Charge Voltage: 2500 VDC
Dielectric/Construction: Metallized Polypropylene film, series-section design
Pulse capacitor not intended for prolonged exposure to DC voltage

Withstand Voltage: Units 100% tested at DC potential of 3000 Volts for two minutes at +25ºC
ESR @ 10kHz < 0.8 milli-Ohm
ESL: < 75 nH (depends on customer connections)
Operating Temperature: -40°C to +40°C
Peak current rating: 10,000 Amps
RMS Current Rating: 50 Amps RMS at 25°C

Mechanical Specifications

Dimensions: Height 130mm x Diameter 137mm
Encapsulation: Epoxy or RTV end fill
Terminals: Tin plated copper lugs

Marking:

Advanced Conversion Company Name
773D105 Part Number
100 µF ±10% Capacitance value and tolerance
2500 VDC DC Voltage Rating
yyww-lot#-unit Serial Number

Rev. 4/29/20
MAB