



DMC SERIES CYLINDRICAL DC CAPACITOR

DMC is a metal cylindrical capacitor for DC link and DC filtering applications. CABO uses the most advanced metallized film technology for long life and high reliability in DC Link applications. This series combines high capacitance and very high ripple current capability needed for today's inverter designs for wind, solar, fuel cells, UPS systems and more. With low inductance, high voltage terminations and ultra-high ripple current capability that meet your specific application requirements.

APPLICATIONS

- Wind power/ Solar power
- Electric vehicle/ Frequency converter
- UPS/ power supply.
- EV/ GTO snubbing

ELECTRICAL CHARACTERISTICS

Capacitance Range:	10 ~ 3,000µF
Operating Temperature:	-40°C~+85°C standard (105°C optional)
Capacitance Tolerance:	±5%(J); ±10% (K)
Rated Voltage (U _n):	400 ~ 5000V _{dc}
Test Voltage between Terminals:	1.5U _n 60s
Insulation Resistance:	R*C≥5000s @100V _{dc} , 60s
Max. Altitude:	< 2000m
Flame Resistance:	UL 94V-0
Lifetime Expectancy:	≥100,000Hours @U _n , θ _{h,s} ≤70°C
Max Torque of terminals:	6.0Nm
Failure Rate:	50FIT

OUTLINE DRAWING

