

**Power Factor Correction Capacitor Data Sheet**

# CD Aero

167 John Vertente Blvd. New Bedford, MA 02745

*Date:* June 28, 2021  
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*Reference No.* SPR 1648

**Part Number: MMP0225X12MT**

**Electrical**

Capacitance	233	μF -0/+10%
Number of Phases	1	
Rated Frequency	60	Hertz
Rated Voltage, T-T:	1600	Vac
KVAR at rated voltage and frequency:	225	KVAR
Nominal Current	141	Arms
Max. Voltage (continuous)	1760	Vac
Max Current (continuous)	180	Arms
Max Fault Current, T-T	5	kAmps peak
Terminals	60	KvBIL (two)
Discharge Time (to < 50V)	5	Minutes
typical DF	0.1%	at 120Hz
	0.9%	at 1kHz
Terminal to Terminal Test Voltage	5510	Vdc (T-T) 60 Seconds
Terminal to Case Test Voltage	37	kVdc (T-C) 10 Seconds
Design Service Life (7200VAC)	2.E+05	Hours at max. 80 deg.C case temperature

**Construction**

Dielectric System	Self-Healing Metallized Polypropylene
Voltage Discharge	Internal Resistors
Impregnation Fluid	Non-PCB, Epoxidized SoyBean Oil

**Mechanical**

Case Dimensions (nom.):	Case Height:	22.0	Inches	559	mm
	Case Length:	13.5	Inches	343	mm
	Case Width:	5.63	Inches	143	mm
Total Dim.:	Case Height + Terminals:	27.00	Inches max.	686	mm
	Case Length + Brackets:	17.25	Inches max.	438	mm
Weight (approx)		78	pounds	36	kg
Terminals:	2 x 1/2-13 threaded studs with 60KvBil ceramic bushings				
Case:	Tig Welded Mild 16 Ga steel with 4 Brackets (2 at each end)				
Finish:	Gray Paint				

**Environmental**

Operating Temperature:	- 40	°C min.	+ 80	°C max case
			+ 55	°C max ambient
Storage Temperature:	- 40	°C min.	+ 85	°C max
Humidity:	0 - 95% non-condensing			
Max Altitude	2000	Meters		