

Application:

Self-healing metallized dielectric capacitor, impregnated with biodegradable, ambient compatible, NON-PCB dielectric fluid.

Technical data:

Rated capacitance	200 μ F
Capacitance tolerance	$\pm$ 5%
Rated voltage	4000 V DC
Max voltage at f= 50Hz	1000 V
Repetitive peak voltage	9500 V DC
Non repetitive peak voltage	12000 V DC
Permissible pulse load du/dt	50 V/ μ s
Max current at f=50 Hz	100 A
Repetitive peak current	15 kA
Non repetitive peak current	30 kA
Electric strength:	
- between interconnected terminals and casing	15000 V AC / 60 s
Dissipation factor tg δ (f = 50 Hz)	<0.002
Expected life with (97%) survival at (40°C)	100000h
Pressure switch:	0,1A/ 250V close contact test VDE to casing 1250VDC
Climatic category:	
Lowest operating temperature	-40°C
Max operating temperature	+55°C
Lowest storage temperature	-55°C
Max storage temperature	+85°C
Cooling	natural air
Casing	GREY RAL
Approx. Weight	$\leq$ 45 kg
Impregnant:	NON PCB and chlorides
Norm IEC 61881 "Railway applications - Rolling stock equipment - Capacitors for power electronics".	



Ltd
99-300 Kutno; 3 Grunwaldzka St.
Poland
tel./fax: +48 24 253 60 71
tel. +48 24 355 13 36
<http://www.mitra.com.pl>
e-mail: mitra@mitra.com.pl

