

Application:

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

Technical data:

Rated capacitance	15 μ F
Capacitance tolerance	0 ÷ 10%
Rated voltage	4000 V DC
Max operating voltage	5000 V DC
Max a.c voltage at (f = 50 Hz)	1500 V
Repetitive peak voltage	4000 V
Non repetitive peak voltage	8000 V
Permissible pulse load du/dt	100 V/ μ s
Max current at (f = 50 Hz)	25 A
Repetitive peak current	3 kA
Non repetitive peak current	6 kA
Electric strength:	
- between terminals	12000 V DC / 2 s
- between interconnected terminals and casing	15000 V AC / 60 s
Dissipation factor tg δ (f = 50 Hz)	<0.001
Expected life with (97%) survival at (40°C)	100000 h
Climatic category:	
Lowest operating temperature	-40°C
Max operating temperature	+55°C
Lowest storage temperature	-55°C
Max storage temperature	+85°C
Cooling	naturalne
Casing	GREY RAL
Approx. weight	<25 kg
Impregnant:	NON PCB and chlorides
Norm IEC 61881 "Railway applications - Rolling stock equipment - Capacitors for power electronics".	

