

GTO Snubber Capacitors, Dry Self-healing

**PART NO.
ART. NO.**
**GTO 1200-2R
15915**
NOMINAL RATINGS

Capacitance/Tolerance	CN	2 $\mu\text{F} \pm 5\%$
Rated voltage	UN	1200V
Rated DC voltage	Udc	800VDC
Rated RMS voltage	Urms	500VAC
Peak voltage period.	Us	1200VDC
Peak voltage not period.	Usmax	1700VDC
Voltage raise	du/dt	2000V/us
Rated current	In	32A
Peak current	Is	4000A
Inductance	Ls	< 10nH
Loss factor diel.	$\tan\delta$	< $2 \cdot 10^{-4}$
Loss factor 50 Hz	$\tan\delta$	< $2 \cdot 10^{-4}$
Loss factor 1 kHz	$\tan\delta$	< $10.0 \cdot 10^{-4}$

ROUTINE TESTS

Test voltage terminal/terminal	UT/T	1600V, DC, 10s
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OPERATING TEMPERATURE

Minimum ambient temperature	Ta min	- 40°C
Maximum ambient temperature	Ta max	60°C
Minimum casing temperature	Tc min	- 40°C
Maximum casing temperature	Tc max	70°C

Storage temperature

Minimum temperature	Tmin	- 50°C
Maximum temperature	Tmax	85°C

TECHNOLOGY

Dielectric	Polypropylene film metallized, self-healing
Filling material	resin, polyurethane dry

BUSHING

Internal thread	M6 depth 8mm
Max. torque	6Nm
Air distance	76mm
Creepage distance	76mm

DESIGN DATA

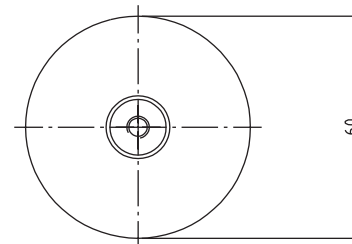
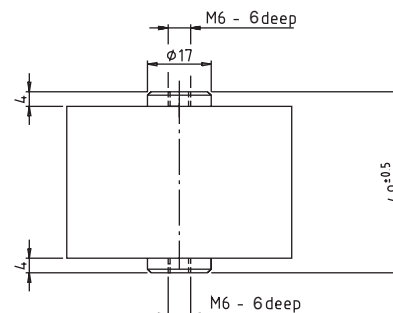
Diameter	60mm
Height	49mm
Drawing	20-B-050
Weight	0.1kg
Case material	plastic
Mounting	every position

LIFE EXPECTANCY

> 100000 Std

FAILURE RATE

300 FIT

DIMENSIONS




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