

GTO 1200-2R

Vishay ESTA

**GTO Snubber Capacitors, Dry Self-healing**

PART NO.	GTO 1200-2R	
ART. NO.	15915	
NOMINAL RATINGS		
Capacitance/Tolerance	CN	2 uF ± 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.	tanδ	< 2*10 ⁻⁴
Loss factor 50 Hz	tanδ	< 2*10 ⁻⁴
Loss factor 1 kHz	tanδ	< 10.0*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

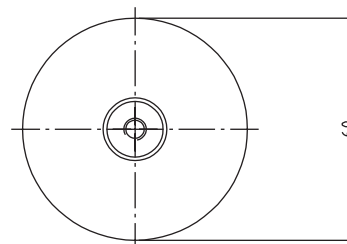
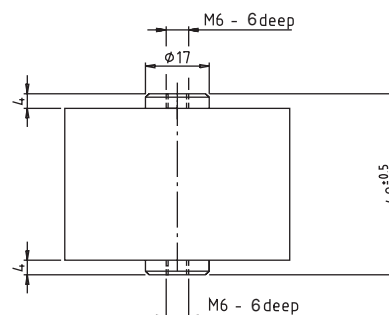
Dielectric	Polypropylene film metallized, self-healing
Filling material	resin, polyurethane dry

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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