

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 |
|--------------------------------|------|----------------|

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 |

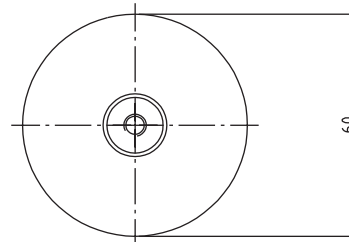
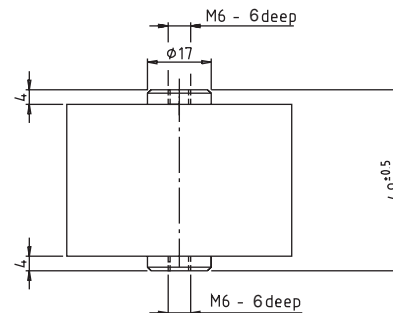
LIFE EXPECTANCY

> 100000 Std

FAILURE RATE

300 FIT

DIMENSIONS





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