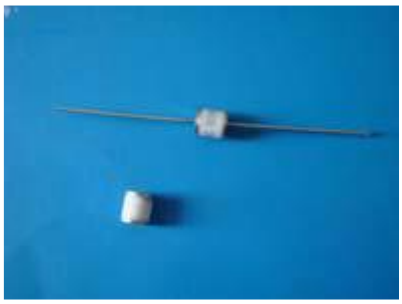
2R3600LB - 5.5*6

Feature

- Fast Response
- Small ： 5.5*6mm
- Stable breakdown voltage.
- High insulation resistance.
- Low capacitance and insertion loss.
- Reliable to protect electrostatic surge.



Applications

- Repeaters,Modems.
- Telephone interface,line cards.
- Data communication equipment.
- Line test equipment.

Electrode GDT Graphical Symbol

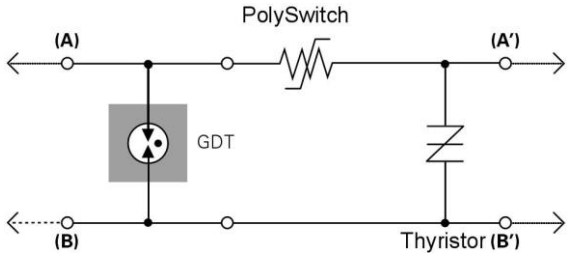


Fig. 1

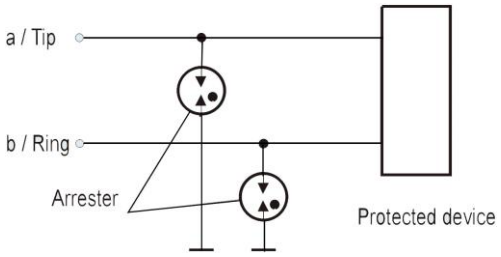
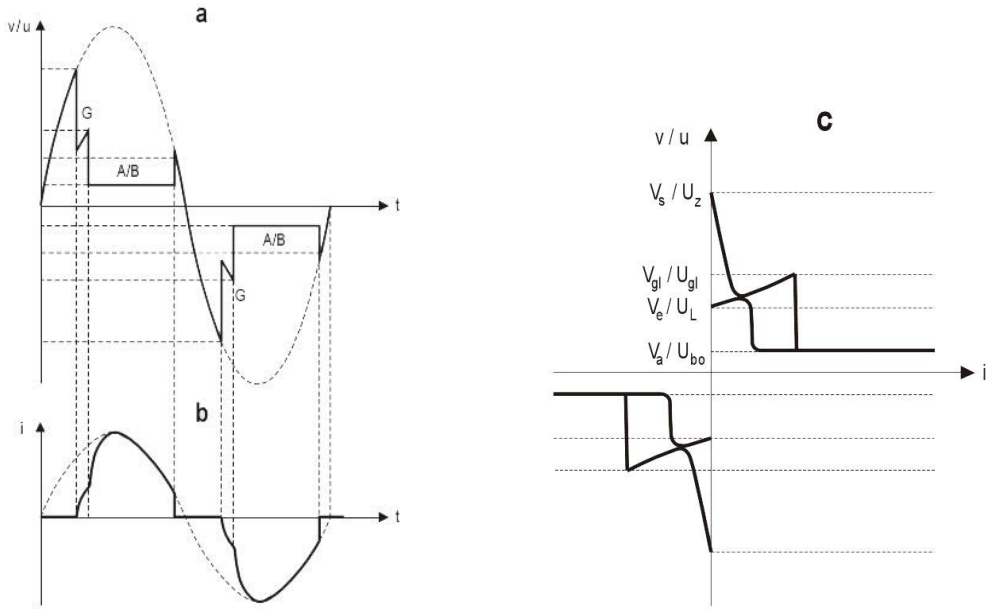


Fig. 2

Characteristics

parameter Description		DC spark-over voltage	Maximum Impulse Breakdown Voltage	AC withstand Voltage	Impulse discharge current	Operation temperature	Insulation resistance		Capacitance
unit		100V/s	100V/μs	3s	8/20us 10times	℃	Test voltage		1M Hz
Part Number	D	V	V	V	KA	T	V	GΩ	pF
2Rx3600LB	5.5	3600 ±20%	4600	1800	2	-40 ~+90	1000	1	1.0
Notes	L : LEAD，B：Product category 1.The paramenters of all tested by ITU-T K12. 2.Total Impulse discharge current 2000A@ 8/20μs by IEC 61000-4-5,10 shots. 3.The capacitance are tested by 1MHz @DC=0.3V.								

Limitation of a sinusoidal overvoltage by a surge arrester

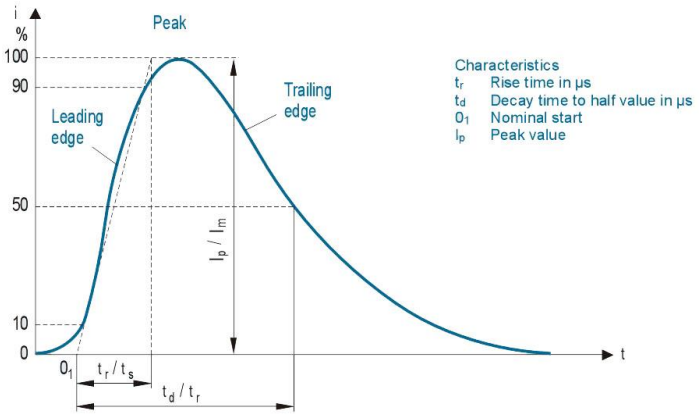


a : shows the voltage curve at the arrester

b: the current as a function of time when limiting a sinusoidal voltage surge.

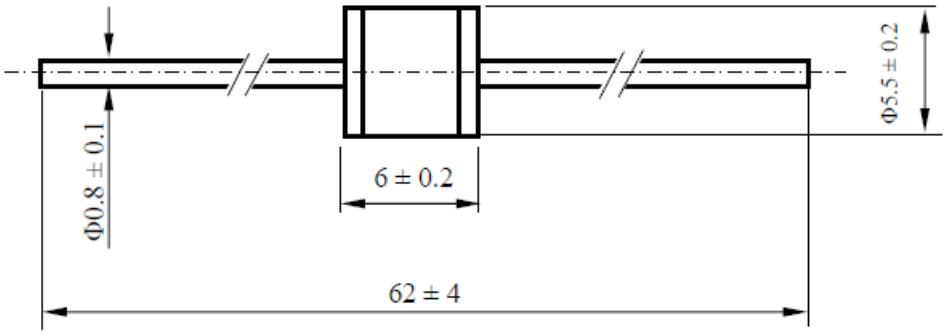
c: The V/I characteristic of the surge arrester was obtained by combining the graphs of voltage and current as a function of time.

Standard impulse discharge current 8/20 μ s



Rated discharge current of the 8/20 μ s wave

PACKAGE OUTLINE DIMENSIONS in millimeters



Disclaimer

Specifications are subject to change without notice.

The device characteristics and parameters in this data sheet can and do vary in different applications and actual device performance may vary over time.

Users should verify actual device performance in their specific applications.