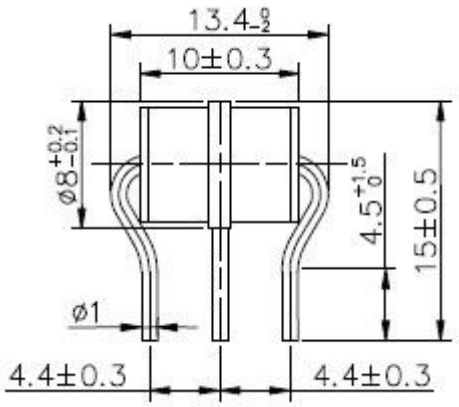
ShenZhen HuaXinAn Electronics Co.,Ltd (Ø8x10mm)

3-Electrode Gas Discharge Tubes 20KA

1：Dimension(mm) Fast Delivery Time





3R-90 Photo

2:Main Applications	3:Features
•PCI Cards protection	•100% Lead-Free(RoHs Compliant)
•Telephone/Fax/Modem protection	•Non-Radioactive
•single line protection	•Low capacitance (≤1pF)
•ADSL/XDSL Splitter,Power Supply	•Fast Response-time,High Insulation Resistance.
•Surge Protection Device/Surge Protector	•Small size :**Ø8x10**(mm)

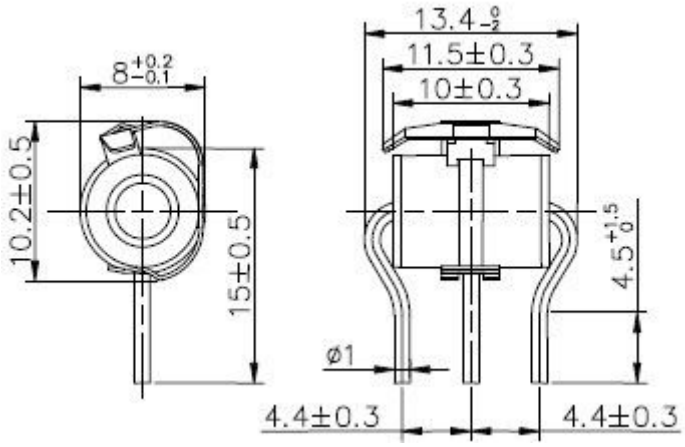
4 Electrical Characteristics

Part Number	DC Spark-over Voltage @ 100V/S	Impulse Spark-over Voltage @100V/μs	Impulse Spark-over Voltage @1KV/μs	Insulation Resistance	Impulse discharge current(8/20μs)		AC discharge current (50Hz,1s,10times)	Capacitance (1MHz)
	V	V	V	GΩ	10 Times	1 Time	A	PF
3R-75	75±20%	<500	<600	>1	20KA	25KA	20	≤1
3R-90	90±20%	<500	<600	>1	20KA	25KA	20	≤1
3R-150	150±20%	<500	<600	>1	20KA	25KA	20	≤1
3R-230	230±20%	<600	<700	>1	20KA	25KA	20	≤1
3R-250	250±20%	<600	<700	>1	20KA	25KA	20	≤1
3R-300	300±20%	<800	≤ 900	>1	20KA	25KA	20	≤1
3R-350	350±20%	<900	≤ 1000	>1	20KA	25KA	20	≤1
3R-400	400±20%	<900	≤ 1000	>1	20KA	25KA	20	≤1
3R-420	420±20%	<900	≤ 1000	>1	20KA	25KA	20	≤1
3R-470	470±20%	<1100	≤ 1200	>1	20KA	25KA	20	≤1
3R-500	500±20%	<1100	≤ 1200	>1	20KA	25KA	20	≤1
3R-600	600±20%	<1200	≤ 1300	>1	20KA	25KA	20	≤1
3R-800	800±20%	<1300	≤ 1400	>1	20KA	25KA	20	≤1

Table continues on next page

ShenZhen HuaXinAn Electronics Co.,Ltd (Ø8x10mm)

1：Dimension(mm) continued **20KA**





With Fail-safe **3R250DF Photo**

2 Electrical Characteristics

Part Number	DC Spark-over Voltage @ 100V/S	Impulse Spark-over Voltage @100V/μs	Impulse Spark-over Voltage @1KV/μs	Insulation Resistance	Impulse discharge current(8/20μs)		AC discharge current (50Hz,1s,10times)	Capacitance (1MHz)
With Fail-safe	V	V	V	GΩ	10 Times	1 Time	A	PF
3R75DF	75±20%	<500	<600	>1	20KA	25KA	20	≤1
3R90DF	90±20%	<500	<600	>1	20KA	25KA	20	≤1
3R150DF	150±20%	<500	<600	>1	20KA	25KA	20	≤1
3R230DF	230±20%	<600	<700	>1	20KA	25KA	20	≤1
3R250DF	250±20%	<600	<700	>1	20KA	25KA	20	≤1
3R300DF	300±20%	<800	≤ 900	>1	20KA	25KA	20	≤1
3R350DF	350±20%	<900	≤ 1000	>1	20KA	25KA	20	≤1
3R400DF	400±20%	<900	≤ 1000	>1	20KA	25KA	20	≤1
3R420DF	420±20%	<900	≤ 1000	>1	20KA	25KA	20	≤1
3R470DF	470±20%	<1100	≤ 1200	>1	20KA	25KA	20	≤1
3R500DF	500±20%	<1100	≤ 1200	>1	20KA	25KA	20	≤1
3R600DF	600±20%	<1200	≤ 1300	>1	20KA	25KA	20	≤1
3R800DF	800±20%	<1300	≤ 1400	>1	20KA	25KA	20	≤1

Packing Quantity : 100PCS