HuaXinAn
华兴安电子

(Ø8x6mm)

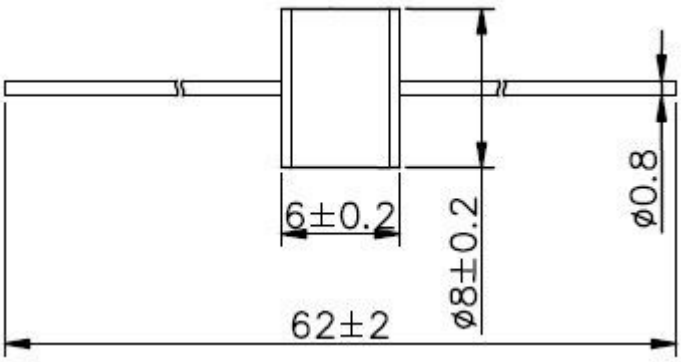
2-Electrode Gas Discharge Tubes

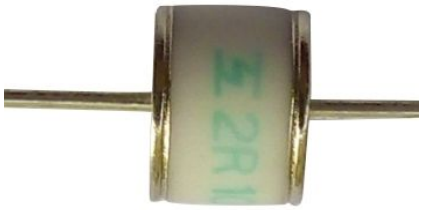
5KA / 3KA

Fast Delivery Time

RoHS

1：Dimension(mm)





2:Main Applications

- •PCI Cards protection
- •Telephone/Fax/Modem protection
- •single line protection
- •ADSL/XDSL Splitter,Power Supply
- •Surge Protection Device/Surge Protector

- •100% Lead-Free(RoHs Compliant)
- •Non-Radioactive
- •Low capacitance (≤1pF)
- •Fast Response-time,High Insulation Resistance.
- •Small size :**Ø8x6**(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
HA2R75C	75±20%	<500	<600	>1	5KA	8KA	5	≤1
HA2R90C	90±20%	<500	<600	>1	5KA	8KA	5	≤1
HA2R150C	150±20%	<500	<600	>1	5KA	8KA	5	≤1
HA2R230C	230±20%	<600	<700	>1	5KA	8KA	5	≤1
HA2R250C	250±20%	<600	<700	>1	5KA	8KA	5	≤1
HA2R300C	300±20%	<800	≤ 900	>1	5KA	8KA	5	≤1
HA2R350C	350±20%	<900	≤ 1000	>1	5KA	8KA	5	≤1
HA2R400C	400±20%	<900	≤ 1000	>1	5KA	8KA	5	≤1
HA2R420C	420±20%	<900	≤ 1000	>1	5KA	8KA	5	≤1
HA2R470C	470±20%	<1100	≤ 1200	>1	5KA	8KA	5	≤1
HA2R500C	500±20%	<1100	≤ 1200	>1	5KA	8KA	5	≤1
HA2R600C	600±20%	<1200	≤ 1300	>1	5KA	8KA	5	≤1
HA2R800C	800±20%	<1300	≤ 1400	>1	5KA	8KA	5	≤1
HA2R1000C	1000±20%	<1400	≤ 1500	>1	5KA	8KA	5	≤1

Table continues on next page

Gas Discharge Tubes

5 Electrical Characteristics continued

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
HA2R1400C	1400±20%	<2400	≤ 2800	>1	3KA	5KA	3	≤1
HA2R1500C	1500±20%	<2500	≤ 2900	>1	3KA	5KA	3	≤1
HA2R2000C	2000±20%	<2600	≤ 3000	>1	3KA	5KA	3	≤1
HA2R2500C	2500±20%	<3200	≤ 3500	>1	3KA	5KA	3	≤1
HA2R3000C	3000±20%	<3800	≤ 4000	>1	3KA	5KA	3	≤1
HA2R3600C	3600±20%	<4500	≤ 4700	>1	3KA	5KA	3	≤1
HA2R4000C	4000±20%	<5300	≤ 5500	>1	3KA	5KA	3	≤1

Packing Quantity : 100PCS

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Gas Discharge Tube

Cross Reference List (Ø8x6mm)

HUAAN Gas Discharge Tube Part Number	Cross Reference		
	Littelfuse Gas Discharge Tube Part Number	Bourns Gas Discharge Tube Part Number	TDK EPCOS Surge Arrester Part Number
HA2R75C	SL1011A075 A	-	EC75X B88069X0180S102 B88069X0180T502
HA2R90C	SL1011A090 A	-	EC90X B88069X0720S102

HA2R150C	SL1011A150 A	-	EC150X B88069X0880S102
HA2R230C	SL1011A230 A	-	EC230X B88069X0660S102
HA2R250C	SL1011A250 A	-	
HA2R300C	-	-	
HA2R350C	SL1011A350 A	-	EC350X B88069X0810S102
HA2R400C	-	-	
HA2R420C	-	-	
HA2R470C	SL1011A470 A	-	EF470X B88069X5080S102 B88069X5080T502
HA2R500C	-	-	
HA2R600C	SL1011A600 A AC240L / AC240LTR	-	EC600X B88069X0780S102
HA2R800C	-	-	EF800X B88069X2641S102 B88069X2641T502
HA2R1000C	CG31.0 / CG31.0L CG31.0LTR	-	
HA2R1400C	-		
HA2R1500C	CG31.5 / CG31.5L CG31.5LTR	-	EF1500X B88069X4301S102
HA2R2000C	CG32.0 / CG32.0L CG32.0LTR	-	
HA2R2500C	CG32.5 / CG32.5L CG32.5LTR	-	EF2500X B88069X5690S102 B88069X5690T502
HA2R3000C	CG33.0 / CG33.0L CG33.0LTR	-	
HA2R3600C	-		
HA2R4000C	CG34.0 / CG34.0L CG34.0LTR	-	

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