

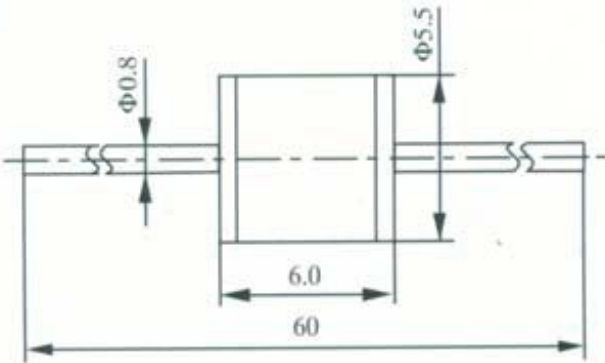


2-Electrode Gas Discharge Tubes

5KA/3KA

1: Dimension(mm)

Fast Delivery Time



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 ($\leq 1\text{pF}$)
- Fast Response-time,High Insulation Resistance.
- Small size :Ø5.5x6(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(8/20 μs)		AC discharge current (50Hz,1s,10times)	Capacitance (1MHz)
	V	V	V	G Ω	10 Times	1 Time	A	PF
HA2R75B	75 $\pm 20\%$	<500	<600	>1	5KA	10KA	5	≤ 1
HA2R90B	90 $\pm 20\%$	<500	<600	>1	5KA	10KA	5	≤ 1
HA2R150B	150 $\pm 20\%$	<500	<600	>1	5KA	10KA	5	≤ 1
HA2R230B	230 $\pm 20\%$	<600	<700	>1	5KA	10KA	5	≤ 1
HA2R250B	250 $\pm 20\%$	<600	<700	>1	5KA	10KA	5	≤ 1
HA2R300B	300 $\pm 20\%$	<800	≤ 900	>1	5KA	10KA	5	≤ 1
HA2R350B	350 $\pm 20\%$	<900	≤ 1000	>1	5KA	10KA	5	≤ 1
HA2R400B	400 $\pm 20\%$	<900	≤ 1000	>1	5KA	10KA	5	≤ 1
HA2R420B	420 $\pm 20\%$	<900	≤ 1000	>1	5KA	10KA	5	≤ 1
HA2R470B	470 $\pm 20\%$	<1100	≤ 1200	>1	5KA	10KA	5	≤ 1
HA2R500B	500 $\pm 20\%$	<1100	≤ 1200	>1	5KA	10KA	5	≤ 1
HA2R600B	600 $\pm 20\%$	<1200	≤ 1300	>1	5KA	10KA	5	≤ 1
HA2R800B	800 $\pm 20\%$	<1300	≤ 1400	>1	5KA	10KA	5	≤ 1
HA2R1000B	1000 $\pm 20\%$	<1400	≤ 1500	>1	3KA	5KA	3	≤ 1

4 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
HA2R1500B	1500±20%	<2200	≤ 2500	>1	3KA	5KA	3	≤1
HA2R2000B	2000±20%	<2600	≤ 3000	>1	3KA	5KA	3	≤1
HA2R2500B	2500±20%	<3200	≤ 3500	>1	3KA	5KA	3	≤1
HA2R3000B	3000±20%	<3800	≤ 4000	>1	3KA	5KA	3	≤1
HA2R3600B	3600±20%	<4500	≤ 4700	>1	3KA	5KA	3	≤1
HA2R4000B	4000±20%	<5300	≤ 5500	>1	3KA	5KA	3	≤1

Packing Quantity : 100PCS
Cross Reference List (Ø5.5x6mm)

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
HA2R75B	-	2057-07- BLF	
HA2R90B	-	2057-09- BLF	EM90X B88069X0190S102 B88069X0190T502
HA2R150B	-	2057-15- BLF	
HA2R230B	-	2057-23- BLF	EM230X B88069X0900S102 B88069X0900T502
HA2R250B	-	2057-25- BLF	
HA2R300B	-	2057-30- BLF	
HA2R350B	-	2057-35- BLF	EM350XG B88069X0980T502 EM350X B88069X0590S102

HA2R400B	-	2057-40- BLF	EM400X B88069X0200S102
HA2R420B	-		
HA2R470B	-	2057-47- BLF	
HA2R500B	-		
HA2R600B	-		
HA2R800B	-		
HA2R1000B	-	2089-100- BLF	EM1000X B88069X4651S102 B88069X4651T502
HA2R1500B	-		
HA2R2000B	-	2089-200- BLF	EM2000X B88069X5600S102
HA2R2500B	-	2089-250- BLF	EM2500XS B88069X2500S102 B88069X2500T502
HA2R3000B	-	2089-300- BLF	EM3000XS B88069X4231S102 B88069X4231T502
HA2R3600B	-	2089-360- BLF	EM3600XS B88069X4241S102 B88069X4241T502
HA2R4000B			

The above trademarks are belonging to the HUAAN LIMITED,Littelfuse .Bourns,TDK / EPCOS.

We do not ensure characteristics of HUAAN products just same as products of Littelfuse or bourns or TDK / EPCOS.

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