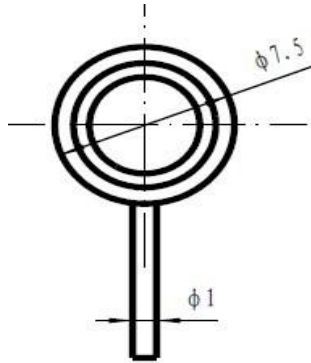
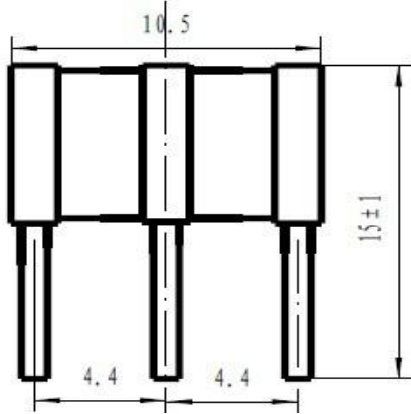


3-Electrode Gas Discharge Tubes

10KA



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

3: Features

- 100% Lead-Free (RoHS Compliant)
- Non-Radioactive
- Low capacitance ($\leq 1\text{pF}$)
- Small size : $\text{Ø}7.5 \times 10.5\text{(mm)}$
- Safety certification: File number: E505240

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)	UL Certificate
	V	V	V	G Ω	10 Times	A	PF	UL File number
HA3R7-75	75 $\pm 20\%$	<450	<550	>1	10KA	10	≤ 1	E505240
HA3R7-90	90 $\pm 20\%$	<450	<550	>1	10KA	10	≤ 1	E505240
HA3R7-150	150 $\pm 20\%$	<500	<600	>1	10KA	10	≤ 1	E505240
HA3R7-230	230 $\pm 20\%$	<600	<700	>1	10KA	10	≤ 1	E505240
HA3R7-250	250 $\pm 20\%$	<600	<700	>1	10KA	10	≤ 1	E505240
HA3R7-300	300 $\pm 20\%$	<600	<700	>1	10KA	10	≤ 1	E505240
HA3R7-350	350 $\pm 20\%$	<900	≤ 1000	>1	10KA	10	≤ 1	E505240
HA3R7-400	400 $\pm 20\%$	<900	≤ 1000	>1	10KA	10	≤ 1	E505240
HA3R7-420	420 $\pm 20\%$	<900	≤ 1000	>1	10KA	10	≤ 1	E505240
HA3R7-470	470 $\pm 20\%$	<1050	≤ 1150	>1	10KA	10	≤ 1	E505240
HA3R7-600	600 $\pm 20\%$	<1200	≤ 1300	>1	10KA	10	≤ 1	E505240

Specifications are subject to change without notice

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3-Electrode Gas Discharge Tubes
1: Dimension(mm)

10KA With Fail-safe



2:Main Applications	3:Features
<ul style="list-style-type: none"> •PCI Cards protection •Telephone/Fax/Modem protection •single line protection •ADSL/XDSL Splitter,Power Supply •Surge Protection Device/Surge Protector 	<ul style="list-style-type: none"> •100% Lead-Free(RoHs Compliant) •Non-Radioactive •Low capacitance ($\leq 1\text{pF}$) •Small size :Ø7.5*10.5(mm) •Safety certification: File number: E505240

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)	UL Certificate
	V	V	V	G Ω	10 Times	A	PF	UL File number
HA3R7-75F	75 $\pm 20\%$	<450	<550	>1	10KA	10	≤ 1	E505240
HA3R7-90F	90 $\pm 20\%$	<450	<550	>1	10KA	10	≤ 1	E505240
HA3R7-150F	150 $\pm 20\%$	<500	<600	>1	10KA	10	≤ 1	E505240
HA3R7-230F	230 $\pm 20\%$	<600	<700	>1	10KA	10	≤ 1	E505240
HA3R7-250F	250 $\pm 20\%$	<600	<700	>1	10KA	10	≤ 1	E505240
HA3R7-300F	300 $\pm 20\%$	<600	<700	>1	10KA	10	≤ 1	E505240
HA3R7-350F	350 $\pm 20\%$	<900	≤ 1000	>1	10KA	10	≤ 1	E505240
HA3R7-400F	400 $\pm 20\%$	<900	≤ 1000	>1	10KA	10	≤ 1	E505240
HA3R7-420F	420 $\pm 20\%$	<900	≤ 1000	>1	10KA	10	≤ 1	E505240
HA3R7-470F	470 $\pm 20\%$	<1050	≤ 1150	>1	10KA	10	≤ 1	E505240
HA3R7-600F	600 $\pm 20\%$	<1200	≤ 1300	>1	10KA	10	≤ 1	E505240

Specifications are subject to change without notice

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