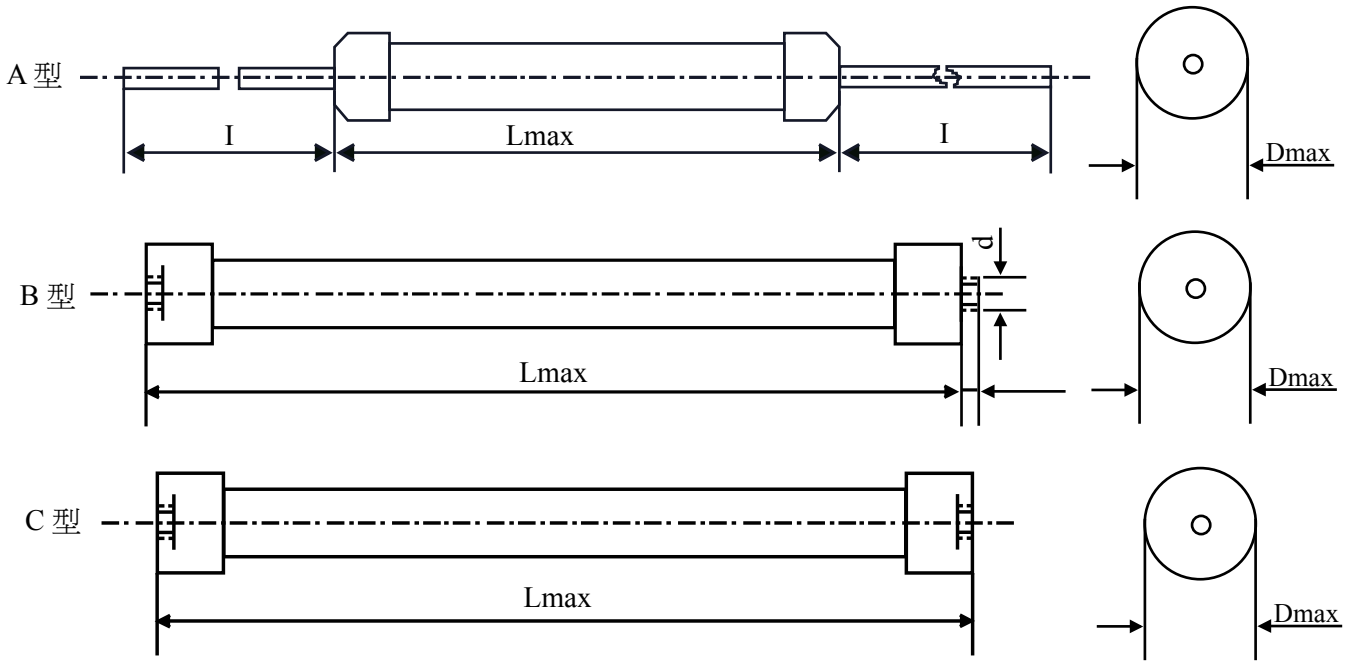
High Voltage Resistors

Impulse Resistors - Metal Glaze Series / 高压棒状玻璃釉膜电阻

RI80 Metal Glaze Impulse Resistor is able to absorb large amounts of energy at high voltage while remaining non-inductive. Ideal for: Capacitor crowbar circuits, Impulse voltage generators, Energy research, Pulse modulators, Radar Pulse-forming networks, High voltage snubber circuits, Arc furnace damping, X-ray/imaging equipment, and EMI/lightning supression. This general line of tubular is available in a widevariety of sizes and terminations. They retain the non-inductive and heavy load characteristics. RI80 can handle up to 35 KV.



Metal Glaze Impulse Resistor General Specifications

Part Number	Rated Wattage	Style	Dimensions				Resistance Range (M Ω)	Temp Coefficient (10^{-6}/°C)	Max Working Voltage (kv)	Operating Temp	Resistance tolerance
			L max	D max	I	D					
RI80-1	1	a	30±2	9±1	30±3	0.7	10-1000	≤200	10	-55°C ~ +70°C	G(±2%) J(±5%) K(±10%)
RI80-2	2	a	50±2	9±1	30±3	0.7	10-1000	≤200	15		
RI80-3	3	a	65±2	9±1	30±3	0.7	10-1000	≤200	15		
RI80-5	5	a	100±2	9±1	30±3	1	10-1000	≤300	25		
RI80-10	10	b	147±2	11±1	6	M4	10-1000	≤300	30		
RI80-20	20	c	116±2	17±1			10-100	≤400	30		
RI80-25	25	c	116±2	19±1			10-100	≤400	30		
RI80-30	30	c	116±2	19±1			10-100	≤400	30		
RI80-50	50	c	116±2	21±1			10-100	≤400	30		
RI80-80	80	c	130±2	27±1			10-51	≤400	30		
RI80-100	100	c	160±2	27±1			10-51	≤400	35		
RI80-150	150	c	210±2	27±1			10-51	≤400	35		
RI80-200	200	c	260±2	27±1			10-51	≤400	35		
RI80-300	300	c	310±2	33±1			1-51	≤400	35		

Remark : Rated Continus Working Voltage (RCWW) shall be determined from RCWW = $\sqrt{\text{Power Rating} \times \text{Resistance Value}(\Omega)}$ or Max.Working voltage listed above , whichever two.

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How to Order

RI80	1W	a	10MR	G
❶	❷	❸	❹	❺

❶ Product Type

❷ Rated Power

❸ Style

❹ Resistance Value(Ω)

❺ Resistance Tolerance