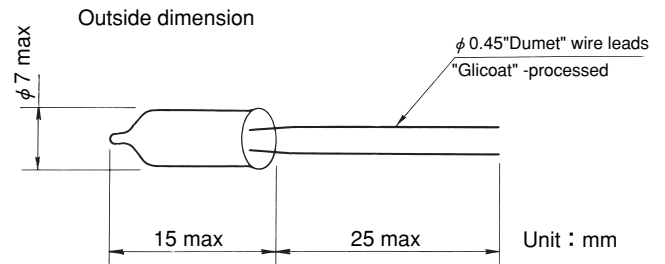


● **RA-C6 Series**

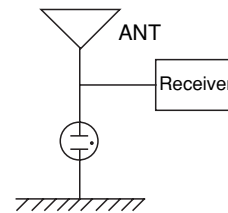
Featuring fast response time and large surge withstand capability of 2,000A, the RA-C6 is designed for the protection of electronic components in electronic circuit from impulse type breakdown voltage.

Features

- Fast response time
- The device will fail open if the surge withstand capability is exceeded.
- Inter-terminal capacity is extremely small, resulting in little influence on electronic circuits.
- Dark ambience has no effect on response time.
- Taping type available

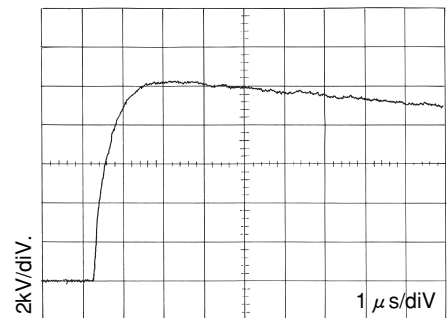


Application

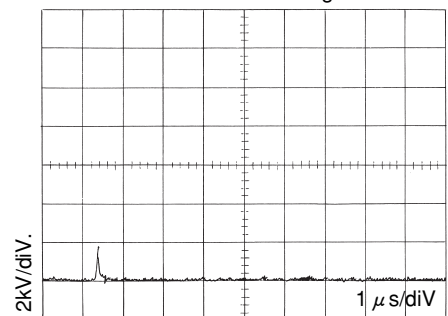


Surge waveform

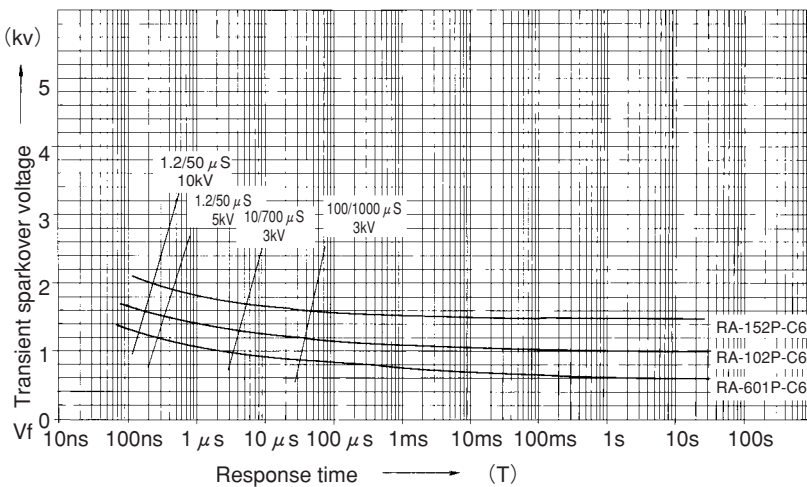
1.2/50 μ s 10kV



RA-102M-C6 Absorbed surge waveform



V—T Characteristics

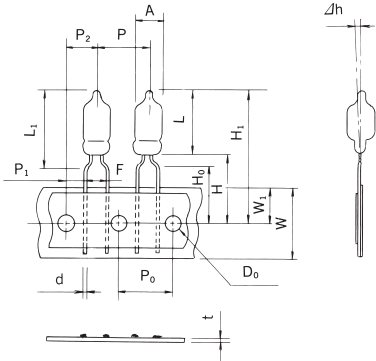


● **RA—C6 Series**

Safety Agency : Standard				Type	DC spark-over Voltage (V)	Insulation Resistance (M Ω)	Capacitance 1kHz-1.5V(pF)	Peak Surge Current 8/20 μ s (A)	Impulse life test 8/20 μ s 100A	Withstand Voltage Test
UL 497B	UL 1449	UL 1414	CSA C22.2 NO.1							
○	—	—	—	RA-800P/M-C6	80(64~96)	1000Min. (DC50V)	1.0Max.	2000	300 Times	—
○	—	—	—	RA-151P/M-C6	150(120~180)					
○	—	—	—	RA-201P/M-C6	200(160~240)					
○	—	—	—	RA-231P/M-C6	230(184~276)					
○	○	—	—	RA-311P/M-C6	310(264~356)					
○	○	—	—	RA-351P/M-C6	350(280~420)					
○	○	—	—	RA-391P/M-C6	390(312~468)					
—	○	—	—	RA-501P/M-C6	500(400~600)	1000Min. (DC500V)				
—	○	—	—	RA601P/M-C6	600(480~720)	1000Min (DC500V)	1.0Max.	2000	300 Times	—
—	○	—	—	RA-102P/M-C6	1000(800~1200)					
—	○	—	—	RA-152P/M-C6	1500(1200~1800)					
—	○	○	○	RA-272M-C6	2700(2160~3240)					
—	○	○	○	RA-302M-C6	3000(2400~3600)					AC1250V 3sec.
										AC1500V 60sec.

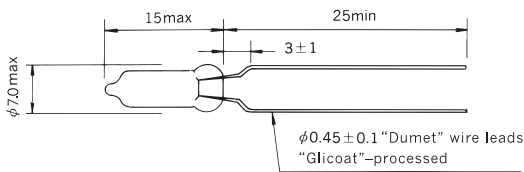
● **Taping type (RA-○○○P-C6-Y)**

Outside dimension



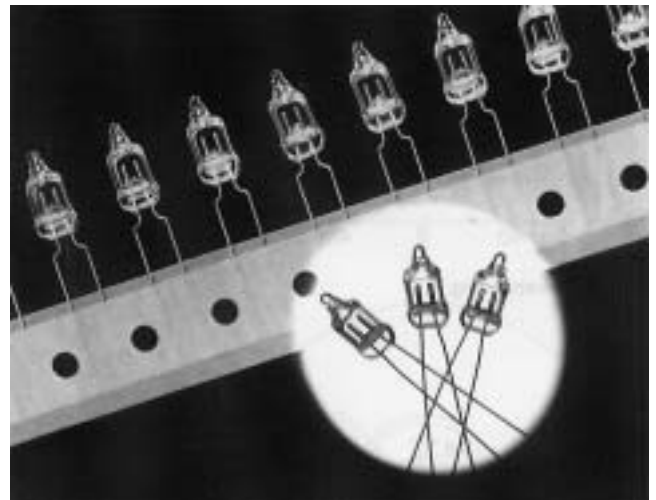
● **Forming type (RA-○○○P-C6-F)**

Outside dimension



Description	Symbol	Dimension	
RA	Height	L	15max
	Lamp diameter	A	φ 6.1max
	Lead diameter	d	φ 0.45±0.05
Product's height from board	L ₁	17max	
Lamp pitch	P	12.7±1	
Hole pitch	P ₀	12.7±0.3 (Note)	
Hole position	P ₁	3.85±0.7	
	P ₂	6.35±1.3	
Pitch between leads	F	5± ^{0.6} _{0.2}	
Declining	Δh	±2	
Paper width	W	18±0.5	
Hole position	W ₁	9±0.5	
Lead clinch height	H ₀	16±0.5	
Product height	H ₁	33.5max	
Lead length	H	18.5max	
Hole diameter	D ₀	φ 4±0.2	
Paper thickness	t	0.7±0.2	

Note) Accumulative pitch error : 4 pitches 50.8 ±0.6mm, 20 pitches 254 ±1.5mm.

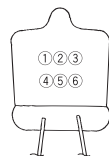


SURGE ABSORBERS

■ See the following for specification of voltage markings

(Example)

ModelRA-311M-C6
 DC discharge spark-over voltage310V
 Tolerance±15%→M
 Calendar1995→5
 Month manufacturedJanuary→A
 Outside style



- ①・②・③ Clamp voltage
- ④ Tolerance ±20% (Symbol 0)
- ⑤ The last digit of calendar year Example) 1995 → 5
- ⑥ Month manufactured (See table below)

①・②×10^③



Month	1	2	3	4	5	6	7	8	9	10	11	12
Symbol	A	B	D	E	F	G	H	J	K	L	M	N

Color shown by symbol : White