

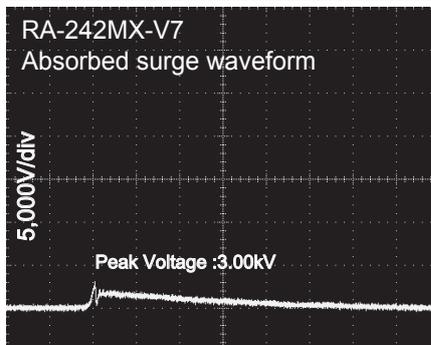
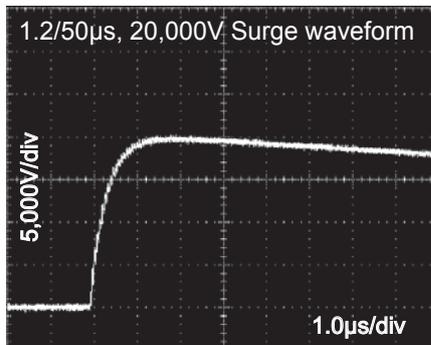


Features

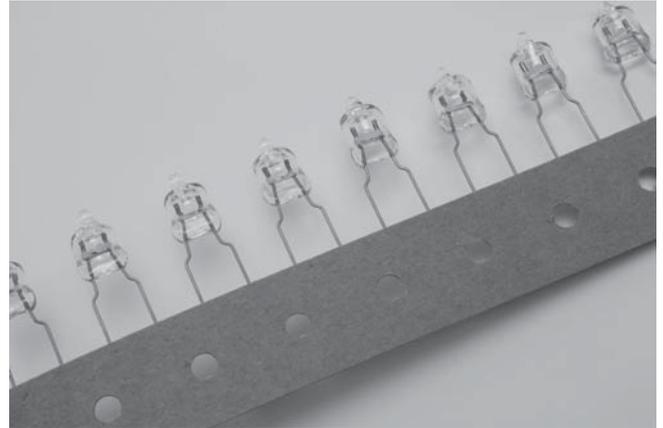
- Invented 3mm height smaller size of RA-V7 Series compare with present productions
- Dielectric strength voltage test compliant
- High-speed response of surge
- Wide range of lineup from DC500V to DC4500V
- Will be soon approved for UL, CSA, TÜV, SEMKO

Applications

- Switching power supply, Inverter power supplies
- Refrigerator, Laundry machine, Air conditioner
- LED Lighting
- Copier, Telecommunication equipment
- *Impulse Absorption Characteristics*

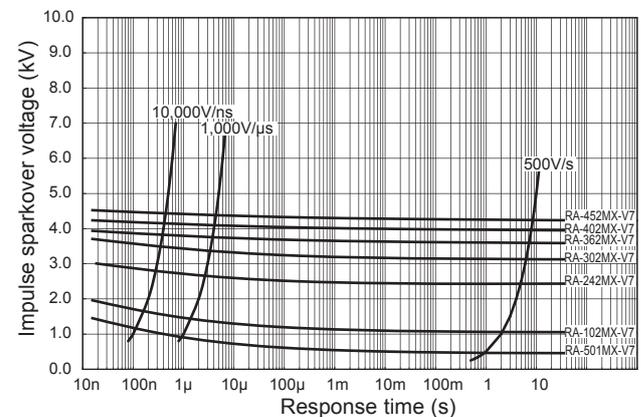


Safety Standard		File No.
UL	:UL1449	E322107
CSA	:C22.2 No.60065	105073
TÜV	:EN60065 :EN60950-1	J50114145
SEMKO	:IEC61643-1 :EN61643-11	SE-66249 1115778



NEW

V-t Characteristics



Electrical Specifications

Safety Standard				Model Number	DC Breakdown Voltage (V)	Capacitance 1MHz max. (pF)	Impulse Current Capacity 8/20µs (A)	Impulse Life test 8/20µs 100A	Withstand Voltage Test
UL 1449	CSA	TÜV	SEMKO						
○*1 ○*3	○*4 ○*5	-	○	RA-501MX-V7-Y/Y(5)	500(400 ~ 600)	1.0	3,500	300 times	-
○*1 ○*3	○*4 ○*5	-	○	RA-601MX-V7-Y/Y(5)	600(480 ~ 720)				-
○*2 ○*3	○*4 ○*5	-	○	RA-102MX-V7-Y/Y(5)	1,000(800 ~ 1,200)				-
○*2 ○*3	○*4 ○*5	-	○	RA-152MX-V7-Y/Y(5)	1,500(1,200 ~ 1,800)				-
○*2 ○*3	○*4 ○*5	-	○	RA-242MX-V7-Y/Y(5)	2,400(1,920 ~ 2,880)*7				AC1,250V 3s
○*1 ○*3	○*4 ○*5	○*6	○	RA-302MX-V7-Y/Y(5)	3,000(2,400 ~ 3,600)*7				AC1,500V 60s
○*1 ○*3	○*4 ○*5	○*6	○	RA-362MX-V7-Y/Y(5)	3,600(2,880 ~ 4,320)*7				AC1,800V 3s
○*1 ○*3	○*4 ○*5	○*6	○	RA-402MX-V7-Y/Y(5)	4,000(3,200 ~ 4,800)*7				AC2,000V 60s
○*1 ○*3	○*4 ○*5	○*6	○	RA-452MX-V7-Y/Y(5)	4,500 (3,600 ~ 5400)*7				AC2,000V 60s

*1 Rated voltage AC125V: Approved if it is connected to UL approved varistor (V1.0mA≥270V, D≥φ 7mm).

*2 Rated voltage AC125V: Approved if it is connected to UL approved varistor (V1.0mA≥270V, D≥φ 5mm).

*3 Rated voltage AC250V: Approved if it is connected to UL approved varistor (V1.0mA≥390V, D≥φ 7mm).

*4 Rated voltage AC125V: Approved if it is connected to UL approved varistor (V1.0mA≥270V, D≥φ 14mm).

*5 Rated voltage AC250V: Approved if it is connected to UL approved varistor (V1.0mA≥470V, D≥φ 14mm).

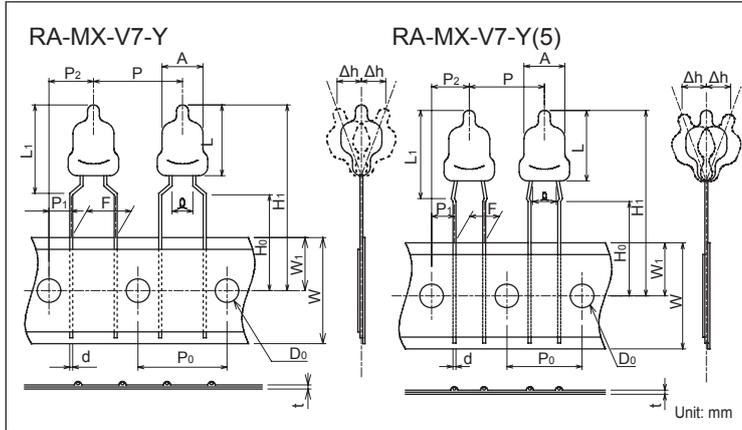
*6 Rated voltage AC125V/250V: Approved if it is connected to UL approved varistor (V1.0mA≥470V, D≥φ 5mm).

*7 Reference Value

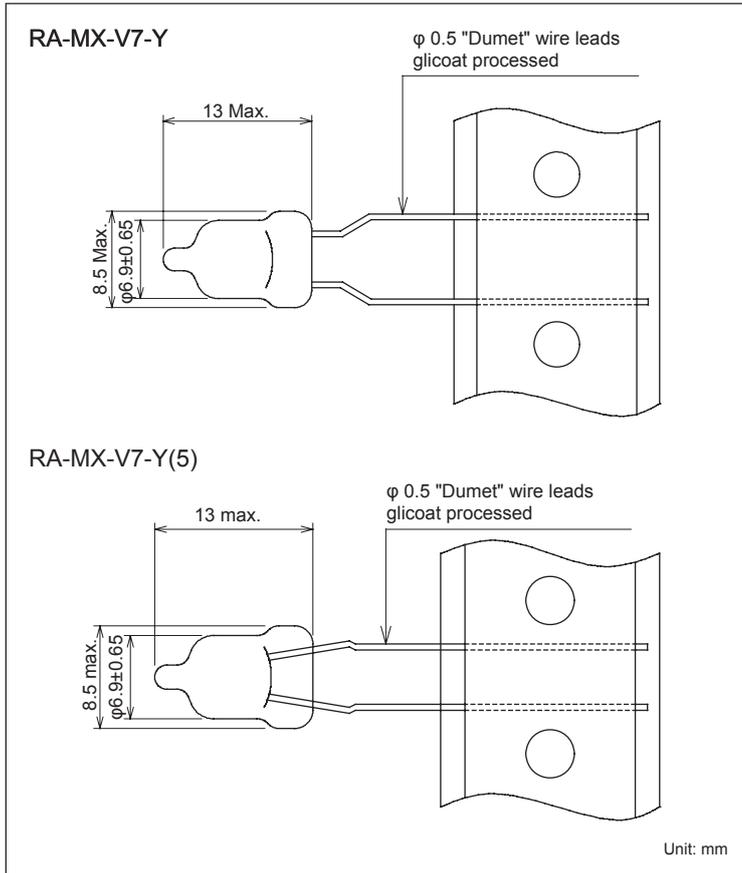


RA-MX-V7-Y

• Taping Dimensions



• Forming Dimensions



Description	Symbol	Dimension (mm)	
		RA-MX-V7-Y	RA-MX-V7-Y(5)
High	L	13.0 max.	
Lamp Diameter	A	φ 6.9±0.65	
Lead Diameter	d	φ 0.5±0.05	
Width between leads	Q	4.0 min.	
Product height from board	L ₁	18.0 max.	
Lamp pitch	P	15.0±1.0	12.7±1.0
Hole pitch	P ₀	15.0±0.3	12.7±0.3
Hole position	P ₁	3.75±0.7	3.85±0.7
	P ₂	7.5±1.3	6.35±1.3
Pitch between leads	F	7.5±0.5	5.0± ^{0.6} _{0.2}
Declining	Δh	±2.0	
Paper width	W	18.0±0.5	
Hole position	W ₁	9.0±0.5	
Lead clinch height	H ₀	16.0±0.5	
Product height*	H ₁	(34.5)	
Hole diameter	D ₀	φ 4.0±0.2	
Paper thickness	t	0.9 max.	

• Packing Quantity per Carton

RA-MX-V7-Y Series: 1,500 pcs

RA-MX-V7-Y(5) Series: 1,800 pcs