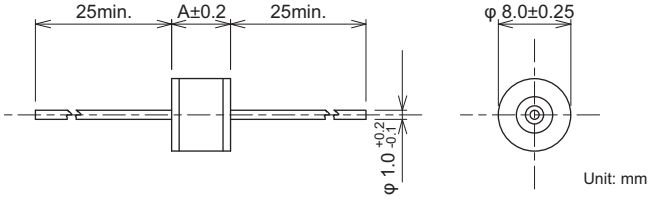
Features

- Quick response for surge.
- High impulse current capacity.
- It can withstand alternating current.
- Excellent insulation resistance and small capacitance.
- Recommendation of ITU-T conformity.

Applications

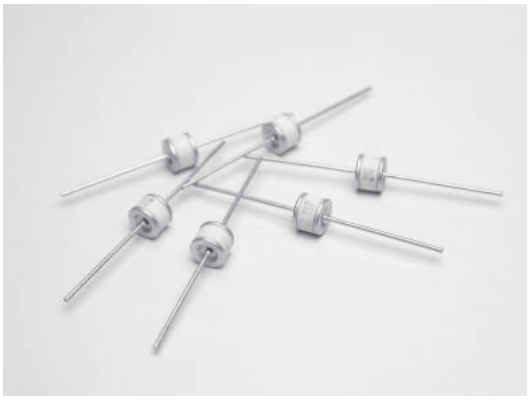
- Telephone, PBX, Wireless base station, Optical transmission equipments, CATV transmission equipments, Fire alarm systems and Home security systems.

- *Dimensions*



Model Number	A
R28-□□□-BHL	5.7
R28-□□□-BJL	6.05
R28-□□□-BKL	7.5
R28-□□□-BRL	9.0

Safety Standard		File No.
UL	:UL497B	E139599
	:UL1449 4th.	E332107



- Model numbering system

R 2 8 – 3 5 1 – B H L

- R28: Series Name — 3 electrode arrester
- 351: DC Breakdown Voltage — 35X10¹=350V
- B: Type of taping — Bulk
- H: Length — 5.7mm
- J: 6.05mm
- K: 7.5mm
- R: 9.0mm
- L: Type of wire — With lead
- None: Without lead

Electrical Specifications

●Low Voltage Type (Conforms to ITU-T)

Safety Standard UL 497B	Safety Standard UL 1449	Model Number	DC Breakdown Voltage 100V/s~2,000V/s (V) ±20	Impulse Sparkover Voltage 100V/μs (V) max	Insulation Resistance (MΩ) min.	Capacitance 1MHz (pF) max.	Impulse Life Test 10/1,000μs (A)300 times	Alternating Discharge Current 50Hz, 1s 10 times (A)	Impulse Discharge Current 8/20ms (A) 10times
○	-	R28-900-BHL	90	450	10,000(DC50V)	1.5	100	10	10,000
○	-	R28-151-BHL	150	500					
○	-	R28-231-BHL	230	600	10,000(DC100V)				
○	-	R28-251-BHL	250						
○	○ *1	R28-301-BHL	300	650					
○	○ *1	R28-351-BHL	350	750					
○	○ *1	R28-401-BHL	400	800					
○	○ *1	R28-471-BHL	470	900					
○	○ *1 *2	R28-601-BHL	600	1,300					

●High Voltage Type

Safety Standard UL 1449	Model Number	DC Breakdown Voltage 500V/s (V)±20	Insulation Resistance (MΩ) min.	Capacitance 1MHz (pF) max.	Withstanding Voltage	Impulse Life Test 8/20μs (A)300A times	Impulse Discharge Current 8/20μs (A)
○ *1 *2	R28-801-BHL	800	10,000(DC250V)	1.5	-	1000	10,000
○ *1 *2	R28-102-BHL	1,000	10,000(DC500V)		-		
○ *1 *2	R28-152-BHL	1,500			-		
○ *1 *2	R28-242-BJL	2,400			AC1,250V 3s		
○ *1 *2	R28-302-BKL	3,000			AC1,500V 60s		
○ *1 *2	R28-362-BKL	3,600			AC1,800V 3s		
○ *1 *2	R28-402-BKL	4,000			AC2,000V 60s		
○ *1 *2	R28-452-BKL	4,500	10,000(DC1000V)				
○ *1 *2	R28-602-BRL	6,000			AC3,000V 60s		

*1 Rated voltage AC125V: Approved if it is connected to UL approved varistor (V1.0mA≥270V, D≥φ 14mm).
*2 Rated voltage AC250V: Approved if it is connected to UL approved varistor (V1.0mA≥470V, D≥φ 14mm).
Operating Temperature: -40~+90°C