

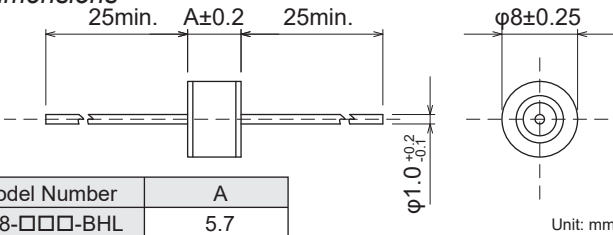
Features

- High impulse current capability
- High insulation resistance and low capacitance

Applications

- Mobile radio base stations
- Optical transmission system equipment
- Various infrastructure equipment

Dimensions

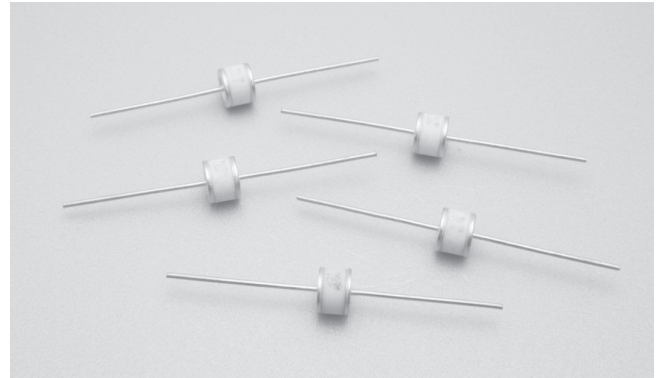


Model Number	A
R28-□□□-BHL	5.7
R28-□□□-BJL	6.05
R28-□□□-BKL	7.5

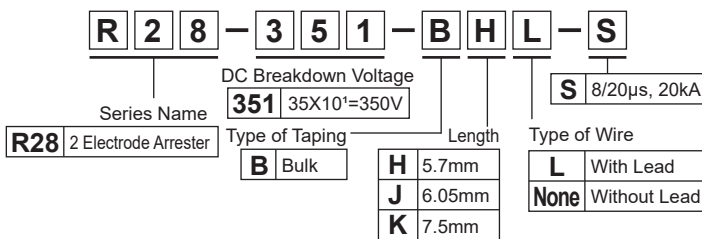


Safety Standard	File No.*
UL :UL497B	E139599
:UL1449	E322107

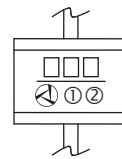
* File No. may be revised without notice. Please contact us at the time of your request for certifications.



Model numbering system



Description of marking



□□□..... DC Breakdown Voltage
eg.) R28-351-BHL-S→351

[Lot No.] ①..... Identification of manufacture year
eg.) 2023→3
②..... Manufacture month (see below)

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

Electrical Specifications

Low Voltage Type

(Conforms to ITU-T)

Safety Standard	Model Number	DC Breakdown Voltage 100V/s~2,000V/s (V) ±20	Impulse Sparkover Voltage 100V/μs (V) max. *1	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 8/20μs (A)
UL 497B	R28-900-BHL-S	90	450	10,000(DC50V)	1.5	100	10	20,000
UL 1449	R28-231-BHL-S	230	600	10,000 (DC100V)				
	R28-251-BHL-S	250						
	R28-301-BHL-S	300	650					
	R28-351-BHL-S	350	750					
	R28-401-BHL-S	400	800					
	R28-471-BHL-S	470	900					
	R28-601-BHL-S	600	1,300					

*1 Representative value

High Voltage Type

Safety Standard	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)
UL 1449	R28-801-BHL-S	800	10,000(DC250V)	1.5	-	1000	20,000
	R28-102-BHL-S	1,000	10,000(DC500V)		-		
	R28-152-BHL-S	1,500			-		
	R28-242-BJL-S	2,400			AC1,250V 3s		
	R28-302-BKL-S	3,000			AC1,500V 60s		
	R28-362-BKL-S	3,600			AC1,800V 3s		
	R28-402-BKL-S	4,000			AC2,000V 60s		
	R28-452-BKL-S	4,500					

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

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

Operating Temperature: -40~+90°C