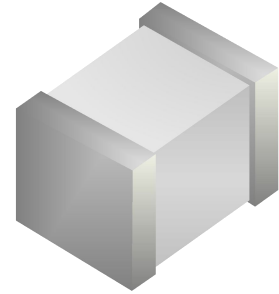


## RSGN2RS3-XX

### Gas Discharge Tube

#### Features

- 2-electrode arrester
- Very small size
- Extremely fast response time
- Stable performance over life
- Extremely low capacitance (<1.0pF)
- High insulation resistance



#### Application

- Modem
- Splitter
- Base stations
- PCI cards
- Application with limited space

#### Electrical specifications

Part number	DC Spark-over Voltage <small>1) 2)</small>	Maximum Impulse Spark-over Voltage	Service Life <small>3)</small>	Insulation resistance	Capacitance	Marking Code
		1kv/ $\mu$ s	8/20 $\mu$ s 10times	@ 100V <sub>DC</sub>	@ 1 MHz	
	(V)	(V)	(KA)	(G $\Omega$ )	(pF)	
RSGN2RS3-75	75 $\pm$ 30%	550	1KA	> 1	< 1	None
RSGN2RS3-75H	75 $\pm$ 30%	550	2KA	> 1	< 1	None
RSGN2RS3-90	90 $\pm$ 30%	550	1KA	> 1	< 1	None
RSGN2RS3-90H	90 $\pm$ 30%	550	2KA	> 1	< 1	None
RSGN2RS3-150	150 $\pm$ 20%	600	1KA	> 1	< 1	None
RSGN2RS3-150H	150 $\pm$ 20%	600	2KA	> 1	< 1	None
RSGN2RS3-200	200 $\pm$ 20%	600	1KA	> 1	< 1	None
RSGN2RS3-200H	200 $\pm$ 20%	600	2KA	> 1	< 1	None
RSGN2RS3-300	300 $\pm$ 20%	700	1KA	> 1	< 1	None
RSGN2RS3-300H	300 $\pm$ 20%	700	2KA	> 1	< 1	None
RSGN2RS3-400	400 $\pm$ 20%	950	2KA	> 1	< 1	None
RSGN2RS3-470	470 $\pm$ 20%	1000	2KA	> 1	< 1	None
RSGN2RS3-600	600 $\pm$ 20%	1200	2KA	> 1	< 1	None
RSGN2RS3-800	800 $\pm$ 20%	1600	2KA	> 1	< 1	None

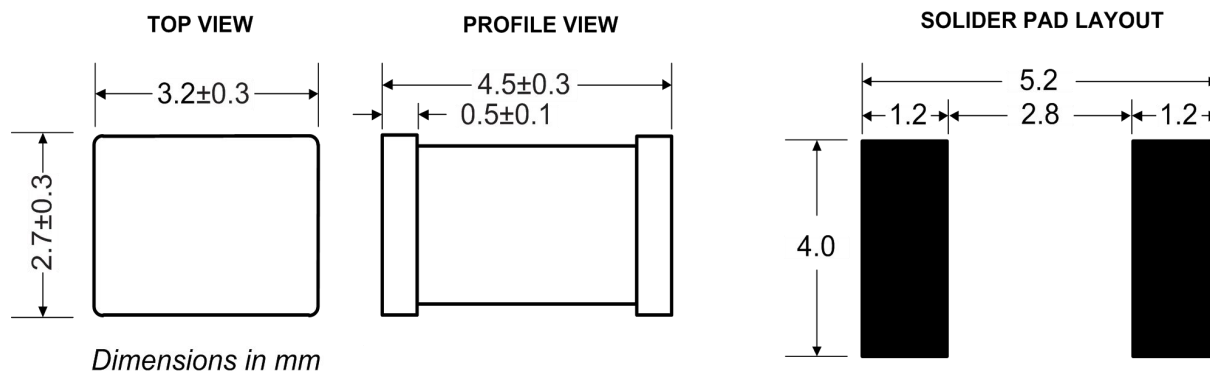
1) At delivery AQL 0.65 level II, DIN ISO 2859.

2) In ionized mode.

3) Tests according to ITU-T Rec. K. 12 and UL 497B.

**RSGN2RS3-XX**

**Dimensional drawing**



**Cautions and warnings**

- Surge arresters must not be operated directly in power supply networks.
- Surge arresters may become hot in case of longer periods of current stress (danger of burning).
- Surge arresters may be used only within their specified values. In case of overload, the headcontacts may fail or the component may be destroyed.
- Damaged surge arresters must not be re-used.

**Thermal Consideration**

Symbol	Parameter	Value	Unit
Ts & Tj	Storage & Operating temperature range	-40 to +90	°C

**Package Information**

Tape and Reel: 2500pcs per reel.