3RA-5S SERIES

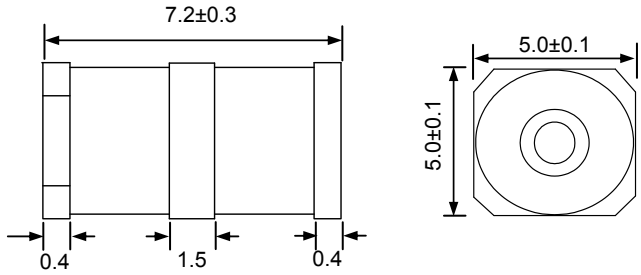
SURFACE MOUNT GAS DISCHARGE TUBE

Gas discharge tubes (GDT) use noble gasses enclosed in ceramic tubes to provide an alternate circuit path for voltage spikes.The ceramic envelope and with nickel connectors allow for high loads and Ruilon offers products that function at 20KA,40KA,50KA,60KA,100KA&150KA.The breakdown voltages of the devices have a wide range (up to 20% tolerance).Major applications are high frequency telecommunication lines,stations, security systems,HID and high quality Surge Protection Devices (SPD).



Features

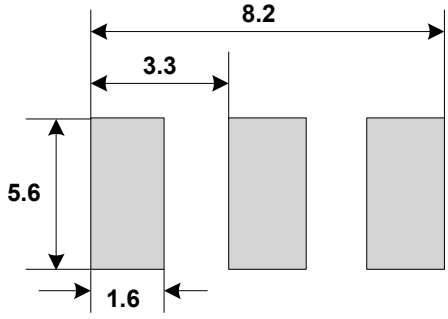
- Size:7.2mm*5.0mm
- DC Spark-over voltage: 75~1100V
- Stable breakdown voltage.
- High insulation resistance.
- High holdover voltage.
- Large absorbing transient current capability.
- Low Capacitance
- Micro-Gap Design



Applications

- Cable Modem
- xDSL
- Set-Top Box
- Satellite and CATV equipment
- Power supplier
- Consumer electronics
- General telecom equipment

RoHS COMPLIANT



Product Name

3	R	X	X	X	A	-	5	S

Stable breakdown voltage	DC Spark-over Voltage		A=5KA	Dimensions	Lead Type
3R : 3 Electrodes				7.2mm*5.0mm	S:SMD

Part Number	DC Spark-over Voltage	Max. Impulse Breakdown Voltage		Max. Impulse Discharge Current (8/20μs)		Impulse Life (10/1000μs)	Normal Alternating Discharge Current		DC Holdover Voltage	Minimum Insulation Resistance	Maximum Capacitance (1MHz)
	100V/S	100V/μs	1KV/μs	1 time	10 times	100A	50Hz, 1Sec	Single 9 Cycles			
	(V)	(V)	(V)	(KA)		(Times)	(A)		(V)	(GΩ)	(pF)
3R075A-5S	75±20%	600	700	10	5	300	5	30	52	1	2
3R090A-5S	90±20%	500	600	10	5	300	5	30	52	1	2
3R120A-5S	120±20%	500	600	10	5	300	5	30	80	1	2
3R150A-5S	150±20%	500	600	10	5	300	5	30	80	1	2
3R200B-5S	200±20%	600	700	15	10	300	10	60	135	1	2
3R230B-5S	230±20%	600	700	15	10	300	10	60	135	1	2
3R250B-5S	250±20%	600	700	15	10	300	10	60	135	1	2
3R350B-5S	350±20%	650	750	15	10	300	10	60	135	1	2
3R400B-5S	400±20%	700	800	15	10	300	10	60	135	1	2
3R420B-5S	420±20%	700	800	15	10	300	10	60	135	1	2
3R470B-5S	470±20%	800	900	15	10	300	10	60	135	1	2
3R600A-5S	600±20%	900	1000	10	5	300	5	30	135	1	2
3R800A-5S	800±20%	1150	1400	10	5	300	5	30	135	1	2
3R1100A-5S	1100±20%	1450	1750	10	5	300	5	30	135	1	2

DC Spark-over Voltage	DC Measuring Voltage
75-90V	50V
120-400V	100V
420-1100V	250V