

## 3RXXXL-5×7.6 Series

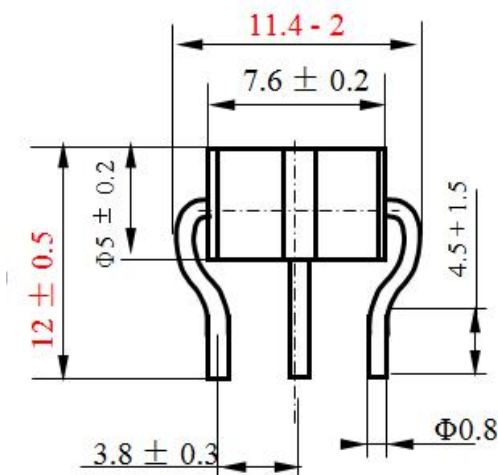
### Features

- Size:5mm\*7.6mm
- Stable breakdown voltage.
- High insulation resistance.
- Low capacitance ( $\leq 1\text{pF}$ )
- High holdover voltage
- Storage and operational temperature:  $-40^{\circ}\text{C} \sim +90^{\circ}\text{C}$

### Applications

- Transient Voltage Surge Suppression(TVSS)
- Cable Telephone Product
- Modems/Cable Modems
- Broadband/CATV/Coaxial Protectors
- Communication Lines
- Power Supplies

### Specification Status:Draft (mm)



### Electrical Characteristics (TA = 25 °C unless otherwise noted)

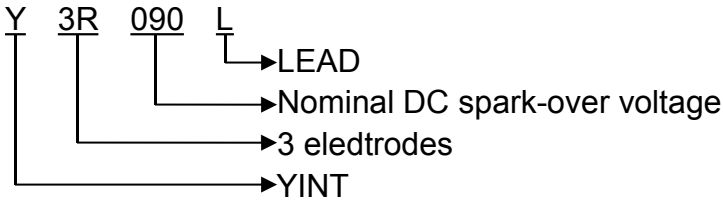
Part Number	DC Breakdown Voltage	Tolerance	Impulse Spark-over Voltage	Impulse Discharge Current 10hits(5hits each polarity)	AC Discharge Current 5 hits	Insulation Resistance*	Capacitance
	100V/s	of Vs	1kv/ $\mu\text{s}$	8/20 $\mu\text{s}$	50Hz	G $\Omega$	1MHz
3R075L-5×7.6	75V	$\pm 20\%$	$\leq 600\text{V}$	5KA	5A	$\geq 10$	$\leq 1\text{pF}$
3R090L-5×7.6	90V	$\pm 20\%$	$\leq 600\text{V}$	5KA	5A	$\geq 10$	$\leq 1\text{pF}$
3R150L-5×7.6	150V	$\pm 20\%$	$\leq 600\text{V}$	5KA	5A	$\geq 10$	$\leq 1\text{pF}$
3R200L-5×7.6	200V	$\pm 20\%$	$\leq 700\text{V}$	5KA	5A	$\geq 10$	$\leq 1\text{pF}$
3R230L-5×7.6	230V	$\pm 20\%$	$\leq 700\text{V}$	5KA	5A	$\geq 10$	$\leq 1\text{pF}$
3R300L-5×7.6	300V	$\pm 20\%$	$\leq 900\text{V}$	5KA	5A	$\geq 10$	$\leq 1\text{pF}$
3R350L-5×7.6	350V	$\pm 20\%$	$\leq 1000\text{V}$	5KA	5A	$\geq 10$	$\leq 1\text{pF}$
3R400L-5×7.6	400V	$\pm 20\%$	$\leq 1000\text{V}$	5KA	5A	$\geq 10$	$\leq 1\text{pF}$
3R470L-5×7.6	470V	$\pm 20\%$	$\leq 1200\text{V}$	5KA	5A	$\geq 10$	$\leq 1\text{pF}$
3R600L-5×7.6	600V	$\pm 20\%$	$\leq 1400\text{V}$	5KA	5A	$\geq 10$	$\leq 1\text{pF}$

1)At delivery AQL 0.65 leave II Military Standard 105 E.

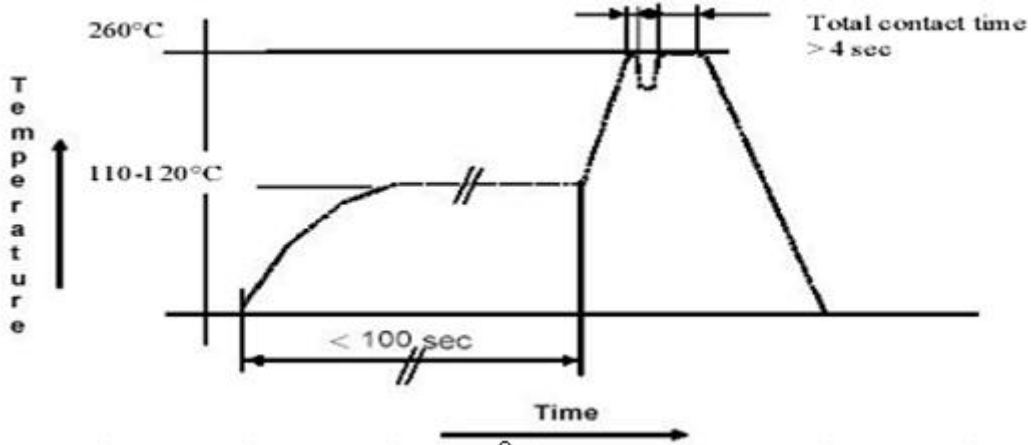
2)In ionized mode

3)Test according to ITU-T Rec.k.12

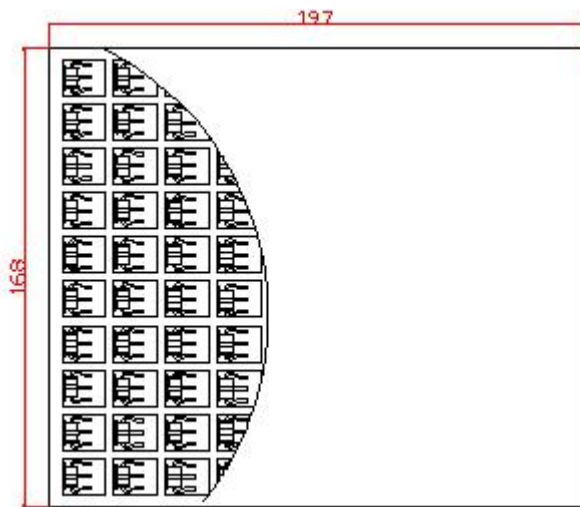
**Marking**



**wave soldering curve**



**Package**



Per tray:100 pcs

Type	Min package (pcs)	One box (pcs)	Outside packing size (mm)			Weight (kg)
			L	W	H	
3RXXXL-5.5*6	Tray packing	100	5000	--	--	--