

Surge Arrester (Gas Discharge Tube)

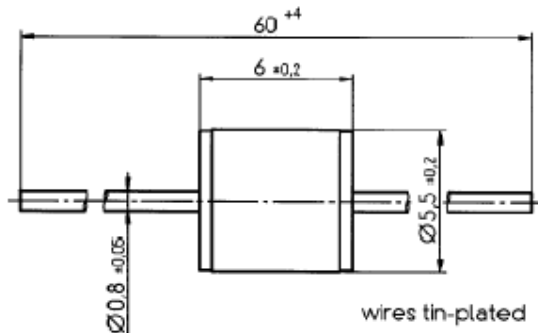
Part number: R170C (CY170L-5560) Two Pole Ceramic Surge Arrester

Features	Applications
<ul style="list-style-type: none"> * Small size (Φ 5.5 x 6.0 mm) * High surge current rating * Fast Response Period * Stable performance throughout life * Low capacitance, high insulation * ROHS –compliance 	<ul style="list-style-type: none"> * Telecommunication * Industrial Electronics * Commercial Electronics * Consumer Electronics

Electrical Specifications

DC sparkover voltage (\pm 20%)	170	V
Impulse sparkover voltage (1 kV/ μ s – 99% of measured values)	< 650	V
Insulation Resistance at 100 Vdc	> 1	G Ω
Capacitance at 1 MHz	< 2	pF
Impulse discharge current		
10 operations 50 Hz , 1 s	5	A
1 operations 50 Hz , 0.18 s (9 cycles)	15	A
10 operations 8/20 μ s	5	KA
1 operation 8/20 μ s	10	KA
1 operation 10/350 μ s	1	KA
300 operations 10/1000 μ s	100	A
Operating and storage temperature	- 40 --- + 90	C°
Marking	CY230 or other specified	

Mechanical drawing



Not to scale

Dimensions in mm

Non controlled document