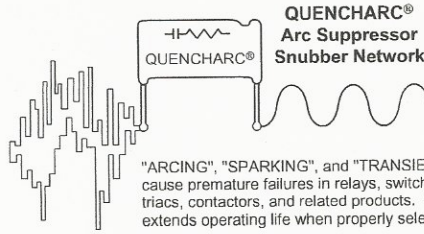
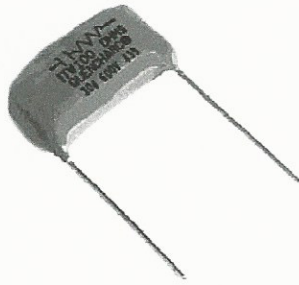


Type Q/QRL (Quencharc®) Arc Suppressor/Snubber Network

Radial Metallized Polyester RC Network for Transient Suppression

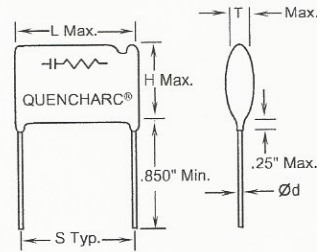


"ARCING", "SPARKING", and "TRANSIENTS" often cause premature failures in relays, switches, thyristors, triacs, contactors, and related products. QUENCHARC® extends operating life when properly selected and applied.

Highlights

- ◆ Noise and arc suppression
- ◆ RC Snubber Network
- ◆ Relay contact protection
- ◆ Noise reduction on controllers and drives
- ◆ EMI/RFI reduction
- ◆ Type QRL - UL/CSA version
- ◆ Other ratings available by special request
- ◆ Coated with flame retardant epoxy

Outline Dimensions



Specifications

- Capacitance Range:** 0.10 µF, 0.05 µF, 1.0 µF
- Voltage Range:** 200 Vdc/125 Vac, 60 Hz and 600 Vdc/250 Vac, 60 Hz
- Capacitance Tolerance:** ±20%
- Resistor Tolerance:** ±10%
- Resistor Values:** 22, 47, 100, 150, 220 ohms
- Operating Temperature Range :** -55 °C to +85 °C at full rated voltage
- Construction:** Metallized polyester in series with a carbon composition resistor
- Dielectric Withstand Voltage:** 1.6 x DC rated voltage @ +25 °C
- DC Life Test:** 125% of rated voltage for a period of 500 hours at 85 °C with capacitance change ≤5% and DF ≤ original limits
- Long Term Stability:** The capacitance shall not change more than 2% when stored at ambient temperature and humidity for a period of two years or less.

Ratings

RoHS Compliant

Catalog Part Number	Cap (µF)	Resistor		Inches					Millimeters				
		Watts	Ohms ±10%	L Max	T Max	H Max	S Typ.	Ød	L Max	T Max	H Max	S Typ.	Ød
200 Vdc / 125 Vac													
504M02QA100	0.50	1/2	100	1.08	0.37	0.64	0.82	0.032	27.4	9.4	16.3	20.8	0.8
504M02QA220	0.50	1/2	220	1.08	0.37	0.64	0.82	0.032	27.4	9.4	16.3	20.8	0.8
105M02QB47	1.00	1/2	47	1.45	0.39	0.66	1.20	0.032	36.8	9.9	16.8	30.5	0.8
600 Vdc / 250 Vac													
104M06QC22	0.10	1/2	22	1.08	0.39	0.66	0.82	0.032	27.4	9.9	16.8	20.8	0.8
104M06QC47	0.10	1/2	47	1.08	0.39	0.66	0.82	0.032	27.4	9.9	16.8	20.8	0.8
104M06QC100	0.10	1/2	100	1.08	0.39	0.66	0.82	0.032	27.4	9.9	16.8	20.8	0.8
104M06QC150	0.10	1/2	150	1.08	0.39	0.66	0.82	0.032	27.4	9.9	16.8	20.8	0.8
UL/CSA Recognized Across-the-Line Application Type QRL 125 Vac Complies with UL1414/CSA-C22.2 No. 1)													
104MACQRL150	0.10	1/2	150	1.08	0.44	0.66	0.82	0.032	27.4	11.2	16.8	20.8	0.8

Type QRL: UL File No. E33628, CSA File No. LR32208