

# CQ06LT

1.6 x 0.8 mm (0603)

## Time-Lag Fuse

Specially customized for use in game consoles and controllers



### Agency Approvals

Agency	Ampere Rating
Recognized Component for Canada and US	1A - 8A

### Electrical Characteristics

Ampere Rating	Opening Time				
	1 In	2 In		3 In	10 In
	MIN	MIN	MAX	MAX	MAX
1A - 8A	4 hr	1 sec	120 sec	3 sec	0.05 sec

### Interrupting Rating

80 amperes at 32V DC  
35 amperes at 63V DC

### Product Characteristics

Operating Temperature	-55 °C to 150 °C
Material	Body: Ceramic Termination: Silver(Ag) / Nickel(Ni) / Tin(Sn) Fuse Element: Silver(Ag)

Catalog Number	Marking	Ampere Rating (A)	Voltage Rating (V)	Nominal Cold Resistance (Ohms)	Nominal Melting I <sup>2</sup> t (A <sup>2</sup> sec.)
CQ06LT 001	H	1A	32V	0.225	0.130
CQ06LT 1.50	K	1.5A		0.085	0.293
CQ06LT 002	N	2A		0.052	0.400
CQ06LT 2.50	Q	2.5A		0.040	0.625
CQ06LT 003	P	3A		0.026	1.170
CQ06LT 3.50	R	3.5A		0.022	1.838
CQ06LT 004	S	4A		0.015	2.210
CQ06LT 005	I	5A		0.010	2.500
CQ06LT 006	U	6A		0.007	5.040
CQ06LT 007	V	7A	0.006	5.212	
CQ06LT 008	W	8A	0.005	7.680	

### Packaging

Packaging Option	Quantity
On Tape	4,000 pcs / reel

\* Measured at  $\leq 10\%$  of rated current at 25° C

\* Melting I<sup>2</sup>t at 1000% of current rating

\* Certified (cRUus) and Customized to 63V

\* Application testing is strongly recommended.

\* Surface Mount Fuse is a small device designed for secondary protection of circuits used in space constrained applications.

### Mechanical Dimensions (mm)

