

# CQ06LF

1.6 x 0.8 mm (0603)

## Fast-Acting Fuse

Ideal for use in a wide range of home appliance panels



### Agency Approvals

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

### Electrical Characteristics

Ampere Rating	Opening Time			
	1 In	2 In	3 In	10 In
	MIN	MAX	MAX	MAX
1A - 8A	4 hr	5 sec	0.5 sec	0.02 sec

### Interrupting Rating

60 amperes at 32V DC  
35 amperes at 63V DC

### Product Characteristics

<b>Operating Temperature</b>	-55 °C to 125 °C
<b>Material</b>	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.)
CQ06LF 001	H	1A	32V	0.300	0.041
CQ06LF 1.50	K	1.5A		0.130	0.083
CQ06LF 002	N	2A		0.066	0.098
CQ06LF 2.50	O	2.5A		0.038	0.126
CQ06LF 003	P	3A		0.027	0.187
CQ06LF 3.50	R	3.5A		0.020	0.258
CQ06LF 004	S	4A		0.018	0.331
CQ06LF 005	T	5A		0.012	0.570
CQ06LF 006	U	6A		0.009	0.752
CQ06LF 007	V	7A	0.008	1.087	
CQ06LF 008	W	8A	0.006	1.472	

### Packaging

Packaging Option	Quantity
On Tape	4,000 pcs / reel

\* Measured at ≤ 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)

