

CQ12LI

3.1 x 1.6 mm (1206)

Fast-Acting Fuse

Widely used in all kinds of battery packs



Agency Approvals

Agency	Ampere Rating
Recognized Component for Canada and US	10A - 30A

Electrical Characteristics

Ampere Rating	Opening Time	
	1 In	3.5 In
	MIN	MAX
10A - 30A	4 hr	5 sec

Interrupting Rating

10A - 25A:	100 amperes at 63V DC 250 amperes at 24V DC
10A - 30A:	200 amperes at 36V DC 150 amperes at 48V DC
30A:	300 amperes at 24V DC

Catalog Number	Marking	Ampere Rating (A)	Voltage Rating (V)	Nominal Cold Resistance (Ohms)	Nominal Melting I ² t (A ² sec.)
CQ12LI 010	$\overline{10}$	10 A	63V	0.0054	14.0
CQ12LI 012	$\overline{12}$	12 A		0.0040	19.0
CQ12LI 015	$\overline{15}$	15 A		0.0033	33.0
CQ12LI 020	$\overline{20}$	20 A		0.0020	56.0
CQ12LI 025	$\overline{25}$	25 A		0.0017	210
CQ12LI 030	$\overline{30}$	30 A	48V	0.0013	260

Product Characteristics

Operating Temperature	-55 °C to 125 °C
Material	Body: Ceramic Termination: Silver(Ag) / Nickel(Ni) / Tin(Sn) Fuse Element: Silver(Ag)

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

* Melting I²t at 1000% of current rating

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

Packaging

Packaging Option	Quantity
On Tape	4,000 pcs / reel

Mechanical Dimensions (mm)

