

CQ12LH

3.1 x 1.6 mm (1206)

Time-Lag Fuse

2014 Taiwan Excellence Award
Recipient



Agency Approvals

Agency	Ampere Rating
Recognized Component for Canada and US	1A - 20A

Electrical Characteristics

Ampere Rating	Opening Time				
	1 In	2 In		3 In	8 In
	MIN	MIN	MAX	MAX	MAX
1A - 20A	4 hr	1 sec	120 sec	3 sec	0.05 sec

Interrupting Rating

1A - 8A:	100 amperes at 63V DC 50 amperes at 125V DC
10A - 20A:	150 amperes at 24V DC

Product Characteristics

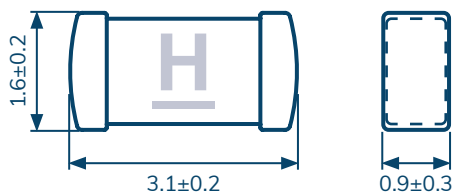
Operating Temperature	-55 °C to 125 °C
Material	Body: Ceramic Termination: Silver(Ag) / Nickel(Ni) / Tin(Sn) Fuse Element: Silver(Ag)

Catalog Number	Marking	Ampere Rating (A)	Voltage Rating (V)	Nominal Cold Resistance (Ohms)	Nominal Melting I ² t (A ² sec.)
CQ12LH 001	H	1A	63V	0.230	0.170
CQ12LH 1.50	K	1.5A		0.125	0.394
CQ12LH 002	N	2A		0.075	0.720
CQ12LH 2.50	Q	2.5A		0.050	0.938
CQ12LH 003	P	3A		0.032	1.350
CQ12LH 3.50	R	3.5A		0.027	1.838
CQ12LH 004	S	4A		0.018	2.240
CQ12LH 005	I	5A		0.013	3.000
CQ12LH 006	U	6A	24V	0.009	4.680
CQ12LH 007	V	7A		0.008	6.370
CQ12LH 008	W	8A		0.007	8.320
CQ12LH 010	10	10A		0.006	12.00
CQ12LH 012	12	12A		0.005	17.28
CQ12LH 015	15	15A		0.003	29.25
CQ12LH 020	20	20A	0.002	52.00	

Packaging Packaging

Packaging Option	Quantity
On Tape	4,000 pcs / reel

Mechanical Dimensions (mm)



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

* Melting I²t at 1000% of current rating

* Certified (cRUus) and Customized up to 125V

* Application testing is strongly recommended

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