

# 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

### Interrupting Rating

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

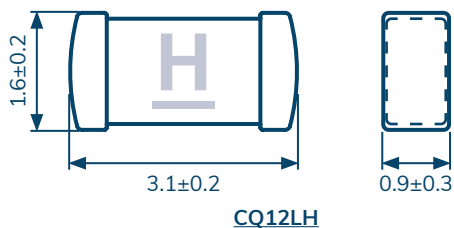
### Product Characteristics

<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)

### Packaging

Packaging Option	Quantity
On Tape	4,000 pcs / reel

### Mechanical Dimensions (mm)



### 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

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.)
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	

- \* Measured at ≤ 10% of rated current at 25° C
- \* Melting I<sup>2</sup>t 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.