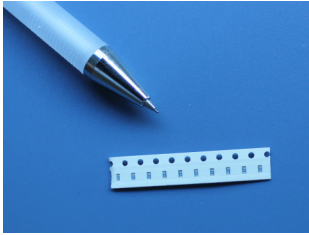
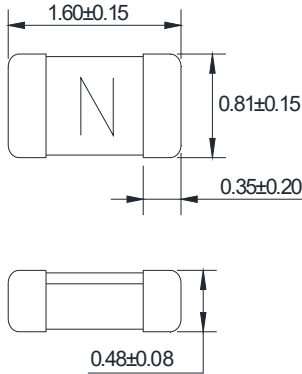


# 064 Chip Fuse



Dimensions (unit: mm)



## Main Characteristics

Chip fuse; Fast-Acting(F)

## Standard

UL248-14

## Materials

Substrate: Ceramic

Termination: Silver over-plated with nickel and Tin

## Operating Temperature

-55°C to +150°C

## Storage Conditions

+10°C to +60°C

Relative humidity: ≤75% yearly average  
Without dew, maximum 30 days at 95%

## Vibration Resistance

120 cycles in 1 direction at 1 min. each  
10-55Hz, 3 directions(X, Y, Z) in total  
According to MIL-STD-202 Method 201A

## Soldering Parameters

260°C. ≤10 sec (Wave Soldering)

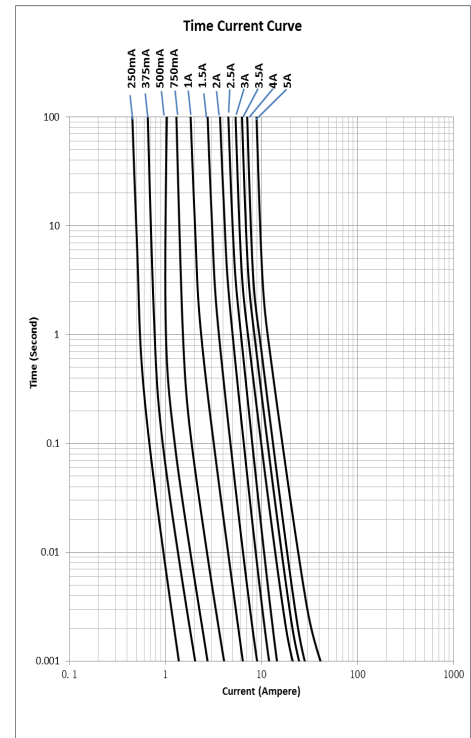
300°C. ≤2 sec (Hand Soldering)

Soldering Peak:

260°C. 10 sec.

280°C. 5 sec. (IEC 60068-20)

Average Time Current(I-T Curve)



Time vs Current Characteristics: UL248-14

|               |      |      |
|---------------|------|------|
| Rated Current | 100% | 250% |
| 250mA~5A      | >4H  | <5s  |

**UL** **RoHS** **HF**

Electrical Characteristics at 25°C

| Amp Code | Rated Current | Rated Voltage  | Typical Voltage Drop(mV) | Breaking Capacity      | Typical Melting I²T (A²s) | Typical Cold Resistance (mΩ) | Alpha Mark | Approvals |
|----------|---------------|----------------|--------------------------|------------------------|---------------------------|------------------------------|------------|-----------|
| 0250     | 250mA         | 63VDC<br>32VDC | 890                      | 50A@63VDC<br>50A@32VDC | 0.0004                    | 3200                         | D          | •         |
| 0375     | 375mA         |                | 585                      |                        | 0.0009                    | 1650                         | E          | •         |
| 0500     | 500mA         |                | 580                      |                        | 0.001                     | 1000                         | F          | •         |
| 0750     | 750mA         |                | 425                      |                        | 0.009                     | 450                          | G          | •         |
| 1100     | 1.00A         |                | 333                      |                        | 0.01                      | 249.5                        | H          | •         |
| 1150     | 1.50A         |                | 268                      |                        | 0.04                      | 149                          | K          | •         |
| 1200     | 2.00A         |                | 158                      |                        | 0.115                     | 73.5                         | N          | •         |
| 1250     | 2.50A         |                | 143                      |                        | 0.14                      | 46.5                         | O          | •         |
| 1300     | 3.00A         |                | 128                      |                        | 0.28                      | 34.5                         | P          | •         |
| 1350     | 3.50A         |                | 125                      |                        | 0.5                       | 26.5                         | R          | •         |
| 1400     | 4.00A         |                | 118                      |                        | 0.6                       | 20.5                         | S          | •         |
| 1500     | 5.00A         |                | 105                      |                        | 1.9                       | 13.0                         | T          | •         |

**Note:** (1) DC interrupting rating (measured at rated voltage, time constant of less than 50 microseconds, battery source)  
(2) DC cold resistance are measured at <10% of rated current in ambient temperature of 25°C  
(3) Typical pre-arcing I²t are measured at 10In current

## Ordering Information

| Series | Amp Code | Supplementary Code | Qty |
|--------|----------|--------------------|-----|
| 064    |          |                    |     |