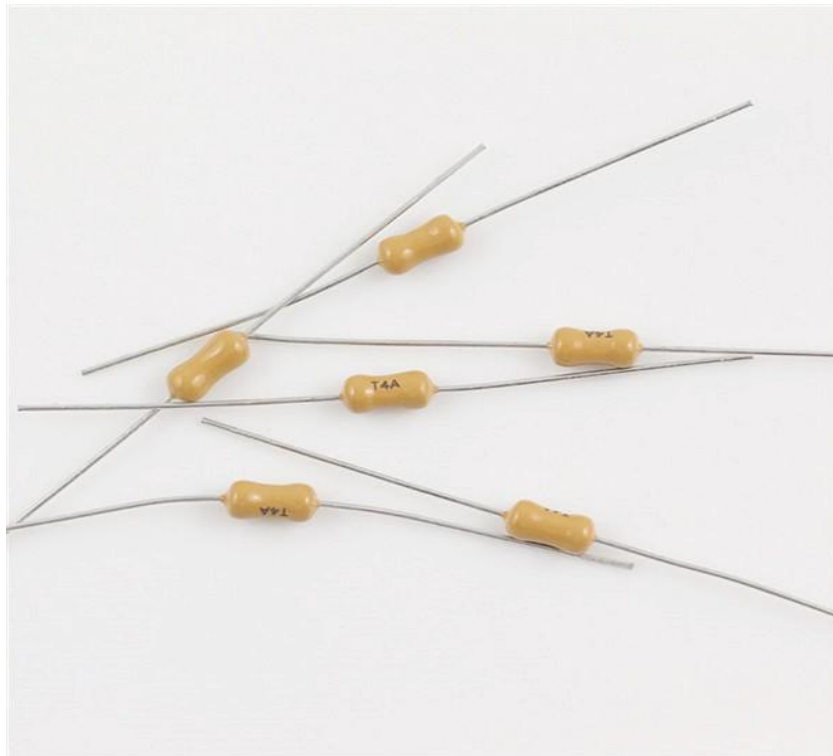


VDK 熔断保险丝

VDK FUSED FUSE



优良品质 · 诚信经营


一起携手 · 共创辉煌

VDKP Series, Time-Lag Fuse

产品简介
APPLICATIONS

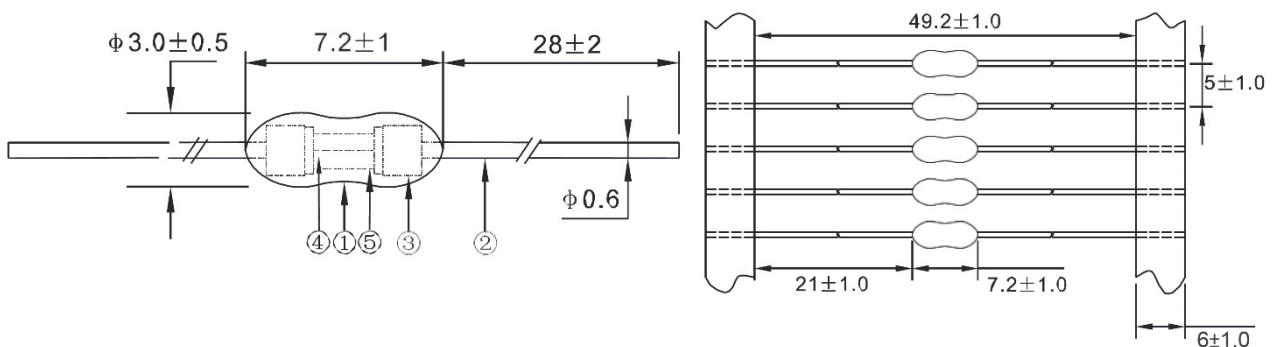
VDKP Series, Time-Lag Fuse is suitable for various kinds of electronic devices' circuit over current protection. Widely used in industrial of Lighting, Power supply and Adapter applications. etc.

机构认证
AGENCY APPROVALS

| AGENCY | FILE NUMBER |
|---|---------------|
|  | JDYX2.E486200 |

外型尺寸
DIMENSIONS AND STRUCTURE

Unit: mm


性能规格
PERFORMANCE SPECIFICATIONS

| No. | Part Name | Material |
|-----|-------------------|------------------------------|
| ① | Body Encapsulated | Epoxy Coated |
| ② | Lead wire | Tin plated Copper |
| ③ | Cap | Nickel Plated Brass |
| ④ | Fuse element | Ally wire |
| ⑤ | Body | Non-Transparent Ceramic Tube |

性能规格
PERFORMANCE SPECIFICATIONS

| Model | Ampere Rating (A) | Voltage Rating (V) | Breaking Capacity | I ² T Melting Integral(A ² .S) |
|------------|-------------------|--------------------|-------------------|--|
| VDKP0100TL | 0.100 | | | 0.01 |
| VDKP0125TL | 0.125 | | | 0.02 |
| VDKP0160TL | 0.160 | | | 0.04 |
| VDKP0200TL | 0.200 | | | 0.06 |
| VDKP0250TL | 0.250 | | | 0.09 |
| VDKP0300TL | 0.300 | | | 0.12 |
| VDKP0315TL | 0.315 | | | 0.15 |
| VDKP0375TL | 0.375 | | | 0.19 |
| VDKP0400TL | 0.400 | | | 0.31 |
| VDKP0500TL | 0.500 | | | 0.46 |
| VDKP0630TL | 0.630 | 250/125 | 50A@125V/250VAC | 0.78 |
| VDKP0750TL | 0.750 | | | 0.93 |
| VDKP0800TL | 0.800 | | | 1.10 |
| VDKP1100TL | 1.00 | | | 1.30 |
| VDKP1125TL | 1.25 | | | 2.60 |
| VDKP1150TL | 1.50 | | | 3.10 |
| VDKP1160TL | 1.60 | | | 3.90 |
| VDKP1200TL | 2.00 | | | 7.20 |
| VDKP1250TL | 2.50 | | | 12.0 |
| VDKP1300TL | 3.00 | | | 15.0 |
| VDKP1315TL | 3.15 | | | 19.0 |
| VDKP1350TL | 3.50 | | | 24.0 |
| VDKP1400TL | 4.00 | | | 29.0 |
| VDKP1500TL | 5.00 | | | 59.0 |
| VDKP1630TL | 6.30 | | | 90.0 |
| VDKP1700TL | 7.00 | | | 145 |

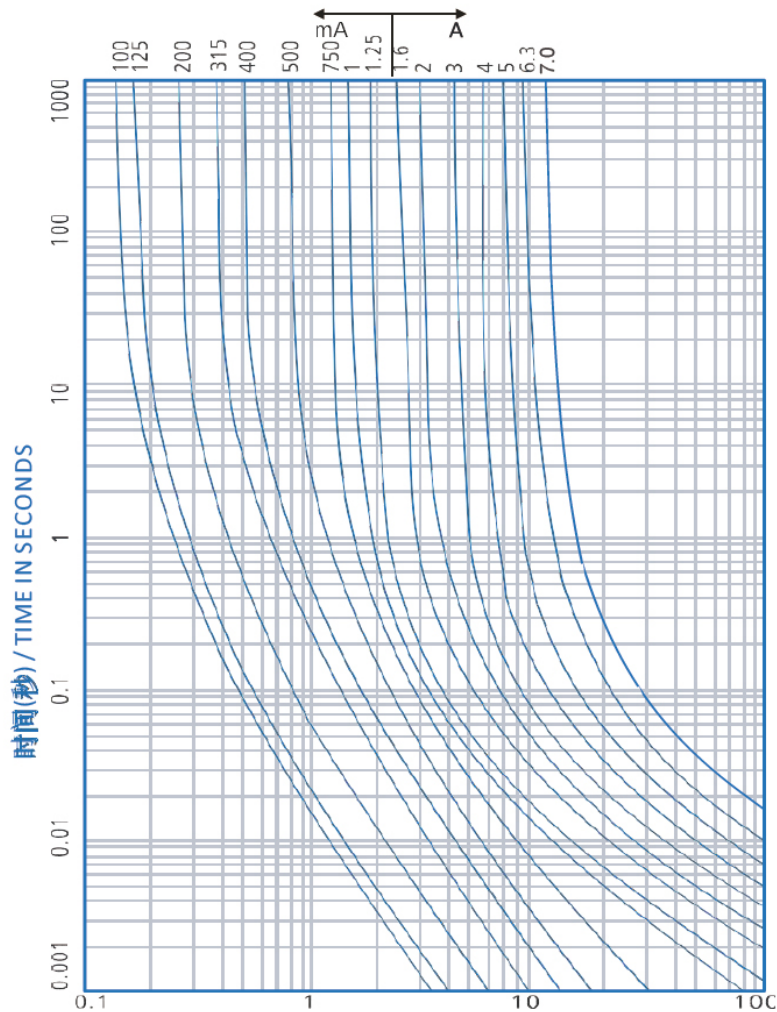
| Text | Result |
|---|--|
| Test Condition | All electrical test is to be conducted with the ambient air at a temperature of 25±5°C. |
| Load capacity | When the fuse loads through 100% of rated current, should blow within 4 hours. |
| Interrupting Rating (Breaking Capacity) | 50A at 125V /250V AC |
| Rising Temperature Test | When the 100% times of Ampere Rating passes the fuse, after reaching thermal balance, the temperature on the fuse surface rising shall not be higher than 75°C. Text Result Note: Rising temperature = the Surface temperature - Ambient temp |

产品特性
PRODUCT CHARACTERISTICS

| Attribute | Data | |
|---------------------------|----------------|---------------|
| Lead Pull Strength | 5N for 10±1 S | |
| Lead Thrust Strength | 2N for 10±1 S | |
| Solder ability | Wave | 260°C, ≤3s; |
| | Soldering Iron | 350±10°C, ≤3s |
| Soldering Heat Resistance | Wave | 260°C, 10s |
| | Soldering Iron | 350°C, 5s. |

工作特性
OPERATING CHARACTERISTICS

| % of Ampere Rating(In) | Blowing Time |
|------------------------|--------------|
| 100%*In | 4 hours Min |
| 200%*In | 60 sec Max |

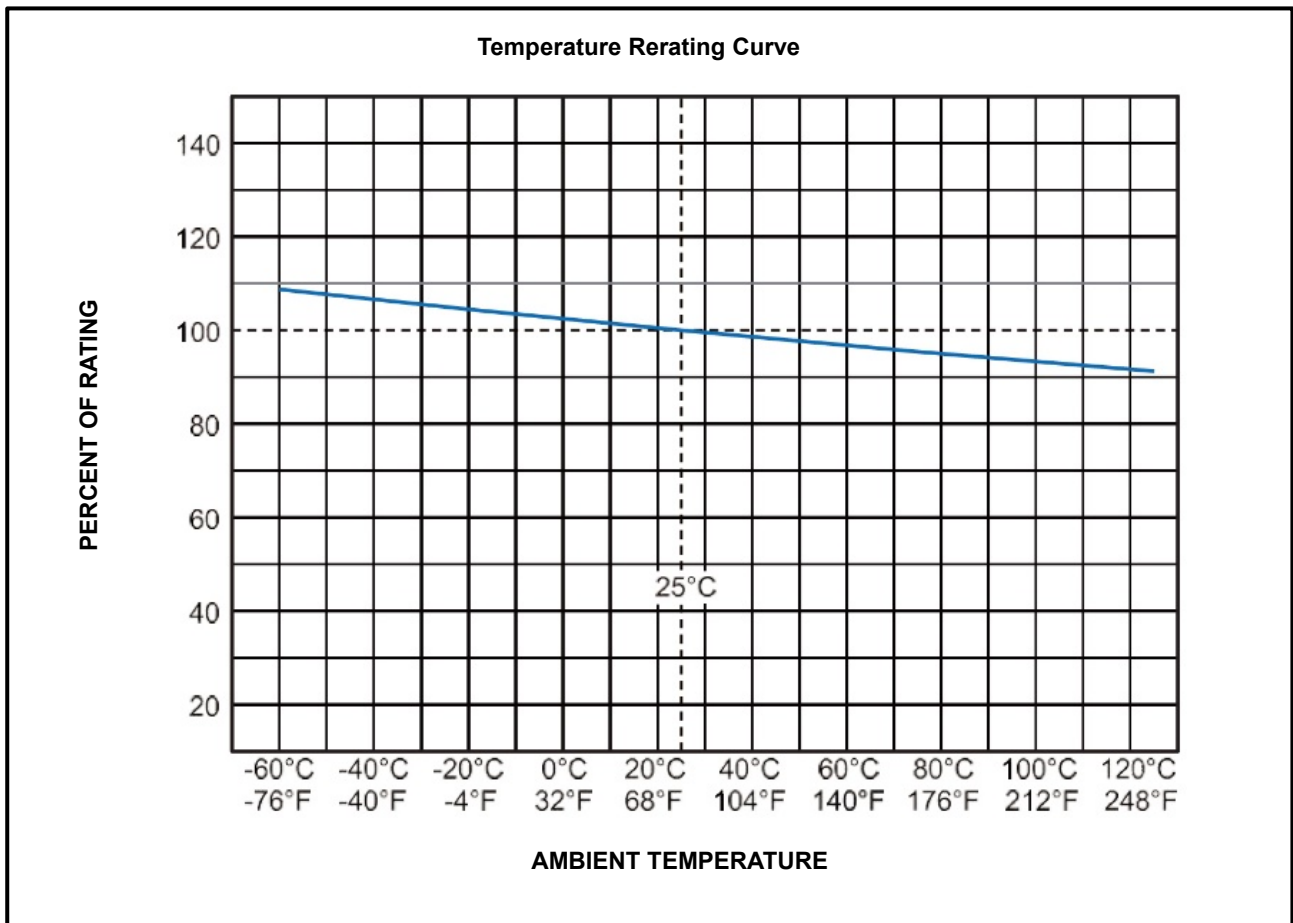
平均时间-电流曲线
AVERAGE TIME CURRENT CURVES


环境特性
ENVIRONMENTAL CHARACTERISTIC

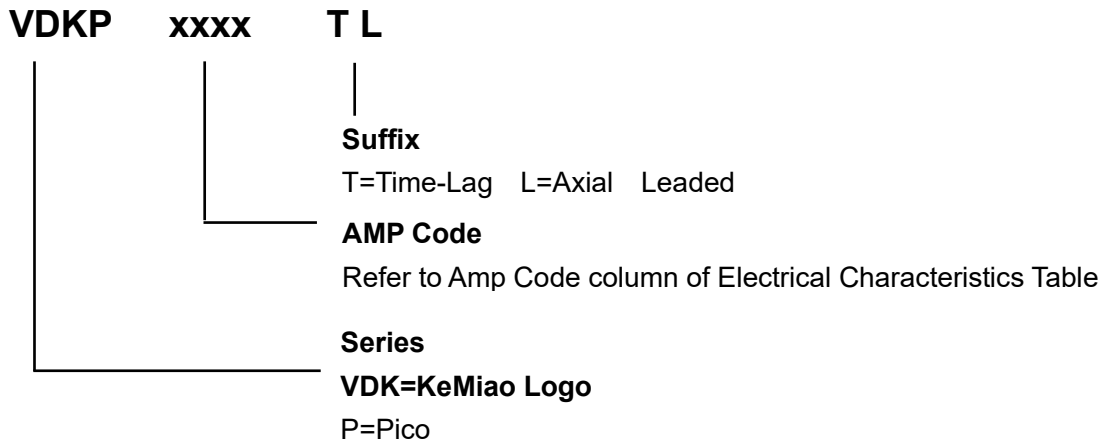
| Operating Temperature | Stock Condition |
|-----------------------|---|
| -55°C~+125°C | Humidity: Relative humidity ≤75% store 3 years in average |

When choosing the fuse's specification, if the operating environmental temperature beyond the scope from 20-30°C, engineer should consider the environmental temperature's affection to fuse.

Please refer: Temperature Rerating Curve:


安装说明
INSTALLATION RECOMMENDATIONS

| Soldering | Temperature | Times |
|-------------|-----------------------------------|--------------------------|
| Wave | 260°C Max(Solder Pot Temperature) | 2-5S (Solder Dwell Time) |
| Hand-Solder | 350±5°C(Solder Iron Temperature) | 5S Max (Heating Time) |

产品编号
PRODUCT IDENTIFICATION

包装规格
PACKAGING

| Packaging Option | Quantity & Packaging Code | Quantity & Packaging Code | Quantity & Packaging Code |
|------------------|---------------------------|---------------------------|---------------------------|
| Bulk Packing | 500 pcs/ bag | 10 bags/ box | 4 boxes/ carton |
| Taped Packing | - | 3000 pcs/ box | 10 boxes/ carton |

注意事项
OTHERS

In the event that an impropriety is found beyond this specification, it shall be fixed by mutual agreement between the parties.