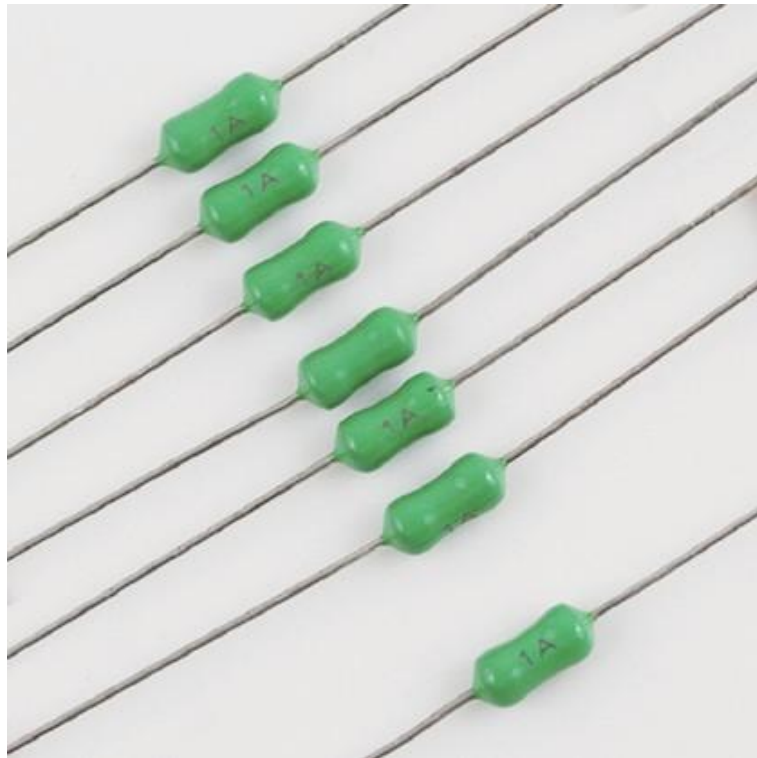


# VDK 熔断保险丝

VDK FUSED FUSE



优良品质 · 诚信经营


一起携手 · 共创辉煌

# VDKP Series, Fast-Acting Fuse

**产品简介**
**APPLICATIONS**

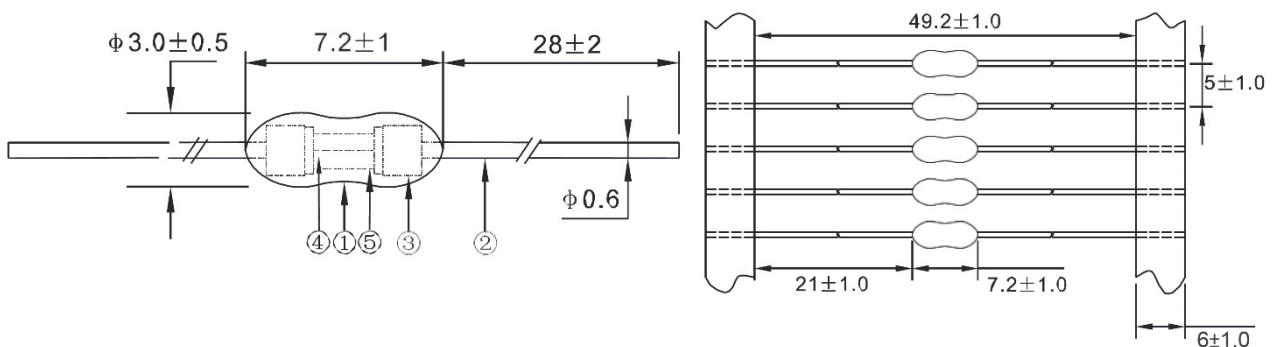
VDKP Series, Fast-Acting Fuse is suitable for various kinds of electronic devices' circuit over current protection. Widely used in industrial of Lighting, Power supply and Adapter applications. etc.

**机构认证**
**AGENCY APPROVALS**

AGENCY	FILE NUMBER
	E486200

**外型尺寸**
**DIMENSIONS AND STRUCTURE**

Unit: mm


**产品明细**
**MATERIAL DETAILS**

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

**电气性能**
**ELECTRICAL CHARACTERISTICS**

Model	Ampere Rating (A)	Voltage Rating (V)	Breaking Capacity	I <sup>2</sup> T Melting Integral(A <sup>2</sup> .S)
VDKP0100FL	0.100	250/125	50A@125V/250VAC	0.001
VDKP0125FL	0.125			0.002
VDKP0160FL	0.160			0.003
VDKP0200FL	0.200			0.006
VDKP0250FL	0.25			0.012
VDKP0300FL	0.30			0.016
VDKP0315FL	0.315			0.019
VDKP0350FL	0.35			0.022
VDKP0400FL	0.40			0.035
VDKP0500FL	0.50			0.047
VDKP0630FL	0.63			0.056
VDKP0750FL	0.75			0.078
VDKP0800FL	0.80			0.098
VDKP1100FL	1.00			0.30
VDKP1125FL	1.25			0.50
VDKP1150FL	1.50			0.60
VDKP1160FL	1.60			0.80
VDKP1200FL	2.00			1.20
VDKP1250FL	2.50			2.00
VDKP1300FL	3.00			2.50
VDKP1315FL	3.15	2.90		
VDKP1350FL	3.50	3.10		
VDKP1400FL	4.00	4.20		
VDKP1500FL	5.00	7.20		
VDKP1630FL	6.30	12.0		
VDKP1700FL	7.00	18.0		
VDKP2100FL	10.0	32.0		

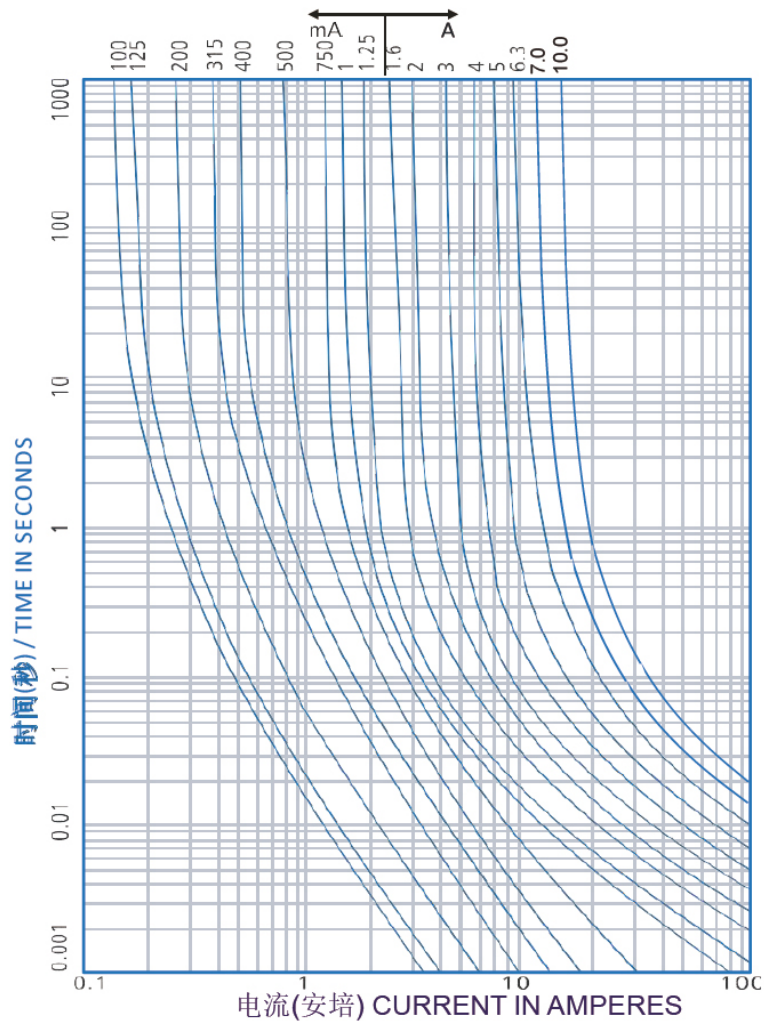
Text	Result
Test Condition	All electrical test is to be conducted with the ambient air at a temperature of 25±5°C.
Load capacity	When the fuse loads through 100% of rated current, should blow within 4 hours.
Interrupting Rating (Breaking Capacity)	50A at 125V /250V AC
Rising Temperature Test	When the 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

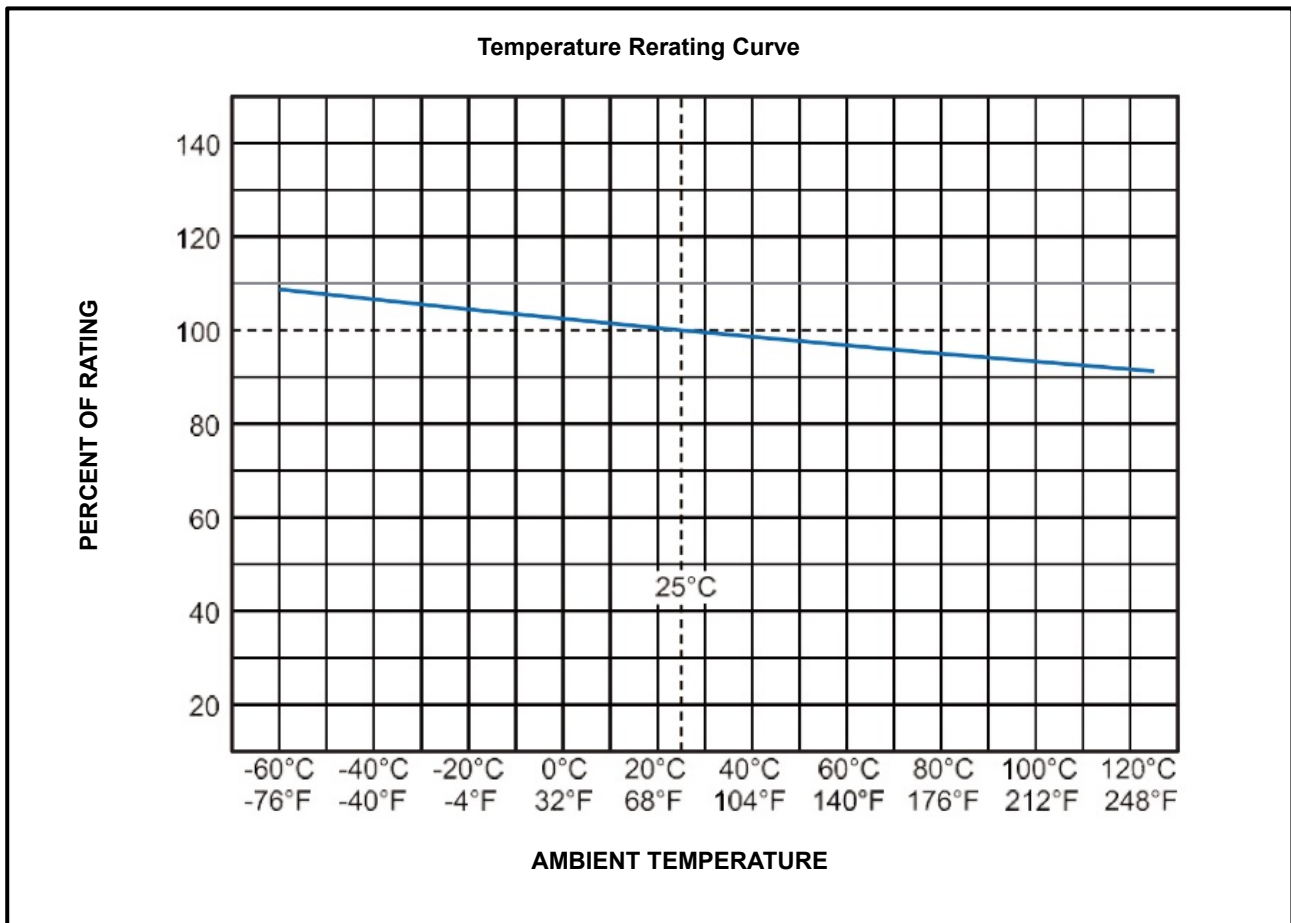
**平均时间-电流曲线**
**AVERAGE TIME CURRENT CURVES**


**环境特性**
**ENVIRONMENTAL CHARACTERISTIC**

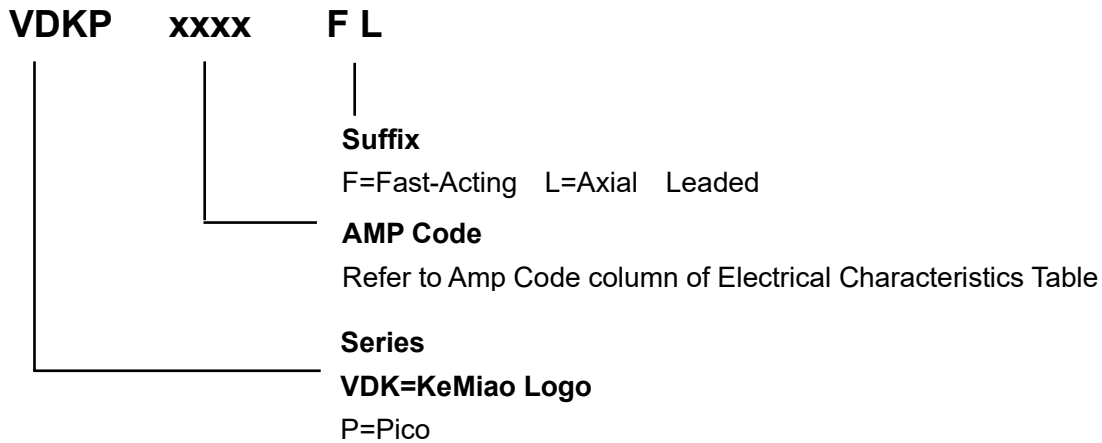
Operating Temperature	Stock Condition
-55°C~+125°C	Humidity: Relative humidity ≤75% store 3 years in average

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.