

ShenZhen HuaXingAn Electronics CO.,LTD

SPECIFICATTON FOR APPROVAL

CUSTOMER NAME: _____

PRODUCT NAME: _____ **TPMOV** _____

HuaXingAn P/N : _____ **FSVB33V431KA** _____

Date : _____ **2022-11-12** _____

Customer

Manufacturing Department: _____

Quality Assurance Department: _____

Engineering Department: _____

company seal:

Supplier

Manufacturing Department: _____ **Lui Zhi Wei** _____

Quality Assurance Department: _____ **Wei Yu** _____

Engineering Department: _____ **Chen Tan wang** _____

company seal:

TEL : +86 - 755- 27465585

Email: sales@huaandz.com

Fax : +86 - 755- 27270662

abc0734@126.com

Address:5F, Building C, No.30, Aviation Road, SanWei, XiXiang Street, BaoAn District,ShenZhen City, GuangDong Province,China 518126

Web: www.huaandz.com

Model	FSVB33V431KA		
1.OUTLINE			
1.1	APPEARANCE	No defect, no black edge metal powder adhesion	
1.2	DIMENSIONS	DIMENSIONS (mm)	
		L (±2.0)	40.0
		W (±2.0)	40.0
		T (±2.0)	14.0
		F (±2.0)	25.5
		L1 (±2.0)	5.0
		Polar surface material: Aluminum	

Product print:

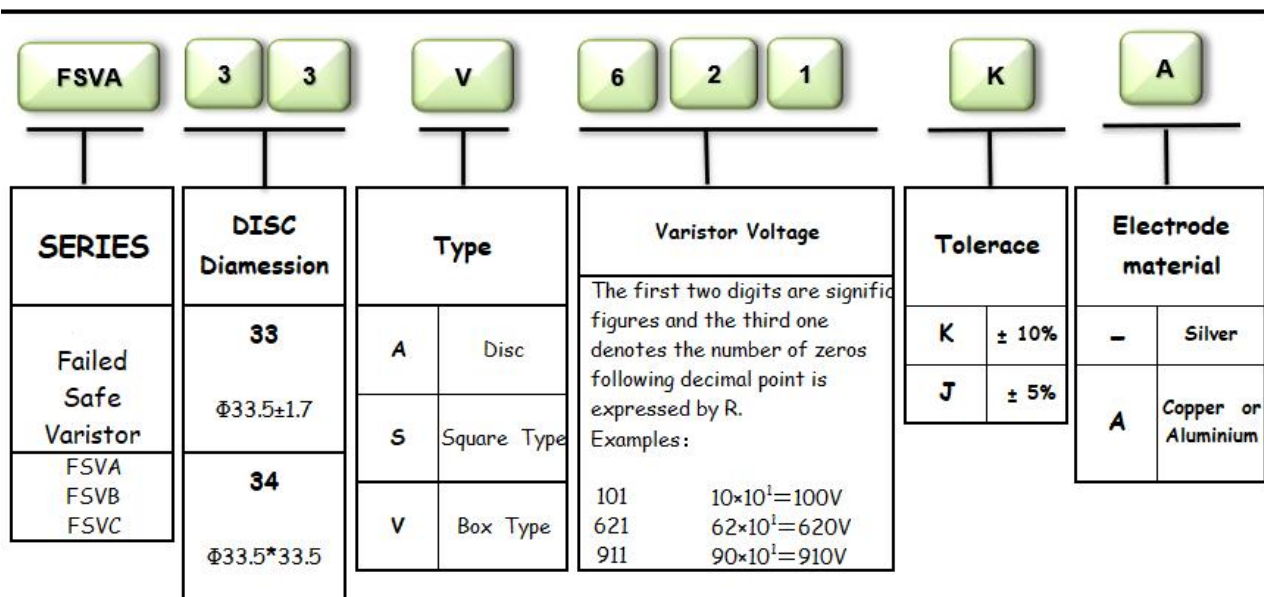


STATUS OF SWITCH CONTACTS OF REMOTE INDICATOR	
Normal Status	Failure Status
<p>Remote Indicator: Normally Closed</p>	<p>Remote Indicator: Normally Open</p>

2. Electrical / Thermal Specification:		
Maximum ac continuous working voltage (最大持续交流工作电压)	275V	
Maximum dc continuous working voltage (最大持续直流工作电压)	350V	
Varistor Voltage (压敏电压)	387-473V	V0.1mA □ V1mA ■
Maximum DC Leakage Curren (漏电流)	15µA	At 75% of Varistor Voltage
Nonlinear exponent(α) (非线性系数)	≧ 21	$\alpha = \frac{\log \frac{I1}{I2}}{\log \frac{V1}{V2}}$
①Nominal discharge current 8/20us (标称放电电流)	In:20KA	Test Current Waveform 8/20µs*15 Divided into three groups of 5 times each, with 1 minute interval between groups and 30 minutes interval between groups
②Maximum discharge current 8/20us (最大放电电流)	I _{max} : 40KA	Test Current Waveform 8/20µs*1
Operation Temperature Ranger(工作温度范围)	-40~+85 °C	-40~+85 °C
Storage Temperature Ranger(储存温度范围)	-40~+105 °C	-40~+105 °C
Temperature Coefficient Of Varistor Voltage(温度系数)	-0.05 % / °C max.	$\frac{V_{c85^{\circ}C} - V_{c25^{\circ}C}}{V_{cat25^{\circ}C}} \times \frac{1}{60} \times 100 (\% / ^{\circ}C)$

3. Product code rules: (产品编码规则)


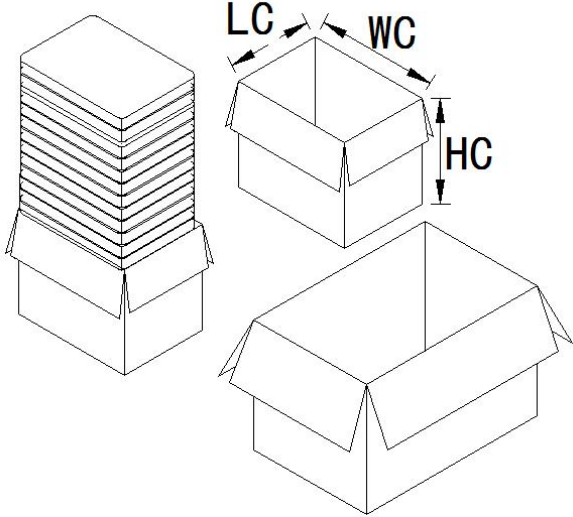
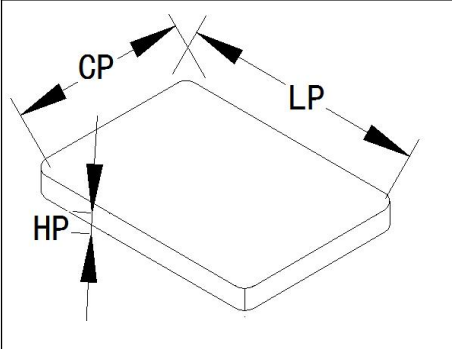
Part number code 編碼說明



4.PACKING

4.1 Quantity **12PCS**

4.2 Packing Dimension

LP	250mm	Packaging	12pcs	LC	220mm	inner Carton	12PCS
HP	22mm			HC	250mm	Packaging	288PCS
CP	180mm			WP	270mm		

ShenZhen HuaXingAn Electronics CO.,LTD

SPECIFICATTON FOR APPROVAL

CUSTOMER NAME: _____

PRODUCT NAME: _____ **TPMOV** _____

HuaXingAn P/N : _____ **FSVB33V511KA** _____

Date : _____ **2022-11-12** _____

Customer

Manufacturing Department: _____

Quality Assurance Department: _____

Engineering Department: _____

company seal:

Supplier

Manufacturing Department: _____ **Lui Zhi Wei** _____

Quality Assurance Department: _____ **Wei Yu** _____

Engineering Department: _____ **Chen Tan wang** _____

company seal:

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Web: www.huaandz.com

Model	FSVB33V511KA		
1.OUTLINE			
1.1	APPEARANCE	No defect, no black edge metal powder adhesion	
1.2	DIMENSIONS	DIMENSIONS (mm)	
		L (±2.0)	40.0
		W (±2.0)	40.0
		T (±2.0)	14.0
		F (±2.0)	25.5
		L1 (±2.0)	5.0
		Polar surface material: Aluminum	

Product print:



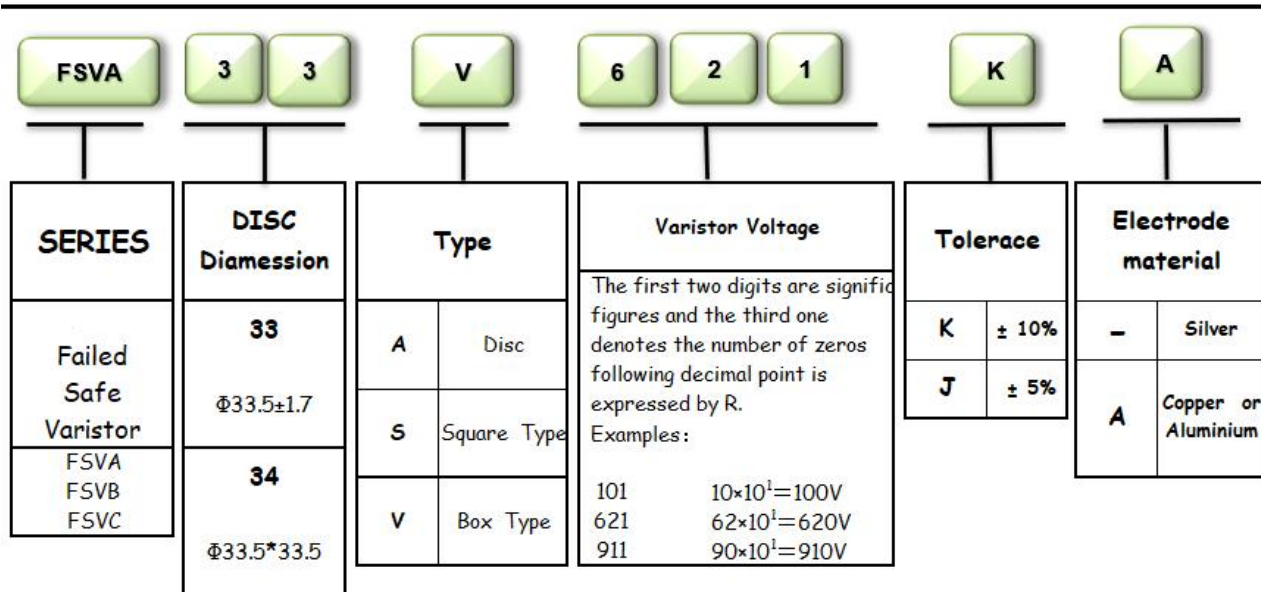
STATUS OF SWITCH CONTACTS OF REMOTE INDICATOR	
Normal Status	Failure Status
<p>Remote Indicator: Normally Closed</p>	<p>Remote Indicator: Normally Open</p>

2. Electrical / Thermal Specification:

Maximum ac continuous working voltage (最大持续交流工作电压)	320V	
Maximum dc continuous working voltage (最大持续直流工作电压)	415V	
Varistor Voltage (压敏电压)	459V-561V	V0.1mA □ V1mA ■
Maximum DC Leakage Curren (漏电流)	15µA	At 75% of Varistor Voltage
Nonlinear exponent(α) (非线性系数)	≧ 21	$\alpha = \frac{\log \frac{I1}{I2}}{\log \frac{V1}{V2}}$
①Nominal discharge current 8/20us (标称放电电流)	In:20KA	Test Current Waveform 8/20µs*15 Divided into three groups of 5 times each, with 1 minute interval between groups and 30 minutes interval between groups
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Operation Temperature Ranger(工作温度范围)	-40~+85 °C	-40~+85 °C
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Temperature Coefficient Of Varistor Voltage(温度系数)	-0.05 % / °C max.	$\frac{V_{c85^{\circ}C} - V_{c25^{\circ}C}}{V_{cat25^{\circ}C}} \times \frac{1}{60} \times 100 (\% / ^{\circ}C)$

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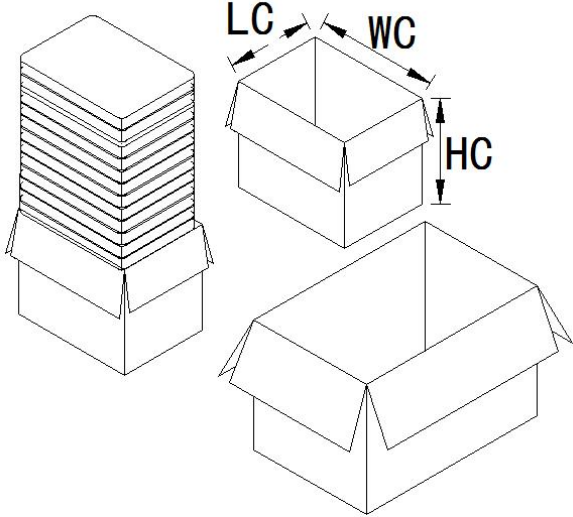
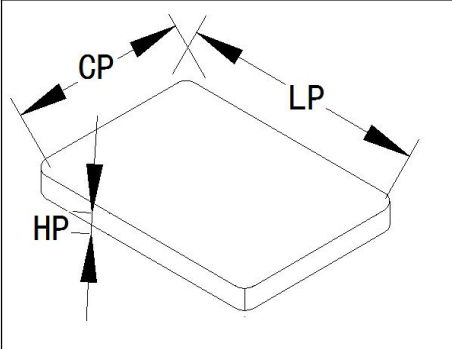
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