



Image may be representation.  
See specifications for product details.

## 5KP60CA

Manufacturer Part Number	<b>5KP60CA</b>
Manufacturer	<b>Diotec Semiconductor</b>
Allelco Part Number	32D-5KP60CA
ECAD Model	Request Free CAD Models
Parts Description	TVS D8X7.5 60V 5000W BI
Package	P600, Axial
Data sheet	<b>5KPx Datasheet.pdf</b>
RoHs Status	ROHS3 Compliant

**Get a Quote**

5KP60CA - Diotec Semiconductor.New Original in Stock. Download Linear Technology 5KP60CA datasheet/specifications on AllelcoElec.com.  
Request a quote for 5KP60CA, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

5KP60CA Tech Specifications  
5KP60CA - Diotec Semiconductor technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Diotec Semiconductor	Package / Case	P600, Axial
Voltage - Reverse Standoff (Typ)	60V	Package	Tape & Reel (TR)
Voltage - Clamping (Max) @ Ipp	96.8V	Operating Temperature	-50°C ~ 175°C (TJ)
Voltage - Breakdown (Min)	66.7V	Mounting Type	Through Hole
Type	Zener	Current - Peak Pulse (10/1000µs)	52A
Supplier Device Package	P600	Capacitance @ Frequency	-
Series	-	Bidirectional Channels	1
Power Line Protection	No	Applications	General Purpose
Power - Peak Pulse	5000W (5kW)		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Diotec Semiconductor 5KP60CA

Product Attribute				
Part Number	5KP60CA	<b>5KP6.5A-E3/54</b>	<b>5KP64CA</b>	<b>5KP64CA</b>
Manufacturer	Diotec Semiconductor	Vishay General Semiconductor - Diodes Division	Diotec Semiconductor	Littelfuse Inc.
Bidirectional Channels	1	-	1	1
Supplier Device Package	P600	P600	P600	P600
Package / Case	P600, Axial	P600, Axial	P600, Axial	P600, Axial
Mounting Type	Through Hole	Through Hole	Through Hole	Through Hole
Power - Peak Pulse	5000W (5kW)	5000W (5kW)	5000W (5kW)	5000W (5kW)
Voltage - Reverse Standoff (Typ)	60V	6.5V	64V	64V
Operating Temperature	-50°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)	-50°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)
Series	-	TransZorb®	-	5KP
Current - Peak Pulse (10/1000µs)	52A	446A	49A	49.5A
Voltage - Clamping (Max) @ Ipp	96.8V	11.2V	103V	103V
Power Line Protection	No	No	No	No
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Applications	General Purpose	General Purpose	General Purpose	General Purpose
Voltage - Breakdown (Min)	66.7V	7.22V	71.1V	71.1V
Capacitance @ Frequency	-	-	-	-
Type	Zener	Zener	Zener	Zener

### 5KP60CA Datasheet PDF

Download 5KP60CA pdf datasheets and Diotec Semiconductor documentation for 5KP60CA - Diotec Semiconductor.

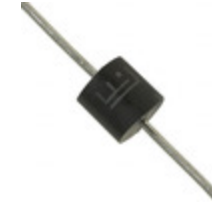
#### Datasheets

5KPx Datasheet.pdf

### Customers Also Interested in

#### Recommended Products

<b>5KP6.5A-E3/54</b>	<b>5KP64CA</b>	<b>5KP64CA</b>	<b>5KP6.5A</b>	<b>5KP64A</b>	<b>5KP6.5CA</b>
Vishay General Semiconductor - Diodes Division TVS DIODE 6.5VWM 11.2VC P600	Diotec Semiconductor TVS D8X7.5 64V 5000W BI	Littelfuse Inc. TVS DIODE 64VWM 103VC P600	Diotec Semiconductor TVS D8X7.5 6.5V 5000W UNI	Littelfuse Inc. TVS DIODE 64VWM 103VC P600	EIC SEMICONDUCTOR INC. TVS DIODE 6.5VWM 11.2VC D6



### 5KP7.0A

Littelfuse Inc.  
TVS DIODE 7VWM 12VC P600

### 5KP6.5CA-E3/54

Electro-Films (EFI) / Vishay

### 5KP60A

Diotec Semiconductor  
TVS D8X7.5 60V 5000W UNI

### 5KP60A-E3/54

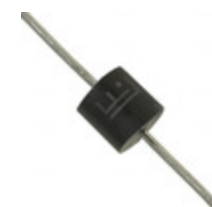
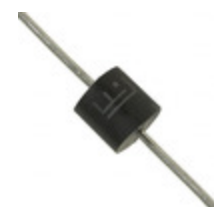
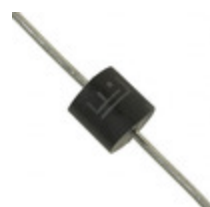
Vishay General Semiconductor -  
Diodes Division  
TVS DIODE 60VWM 97VC P600

### 5KP6.5CA

Diotec Semiconductor  
TVS D8X7.5 6.5V 5000W BI

### 5KP6.5A

Littelfuse Inc.  
TVS DIODE 6.5VWM 11.2VC P600



### 5KP64A-E3/54

Vishay General Semiconductor -  
Diodes Division  
TVS DIODE 64VWM 103VC P600

### 5KP60CA

Littelfuse Inc.  
TVS DIODE 60VWM 96.8VC P600

### 5KP64A

Diotec Semiconductor  
TVS D8X7.5 64V 5000W UNI

### 5KP6.5CA

Littelfuse Inc.  
TVS DIODE 6.5VWM 11.2VC P600

### 5KP7.0A

Diotec Semiconductor  
TVS D8X7.5 7V 5000W UNI

### 5KP60A

Littelfuse Inc.  
TVS DIODE 60VWM 96.8VC P600

## Shipment

### Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

### Delivery Cost

> Use your express account for shipment if you have one.

> Use our account for the shipment. Refer to the table below for the approximate charges.

(Different time frame / countries / package size has different price.)

### Delivery Method

> Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.

> Others more shipping ways, please get in touch with your customer manager.

#### Common Countries Logistic Time Reference

Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

#### DHL & FedEx Shipment Charges Reference

Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

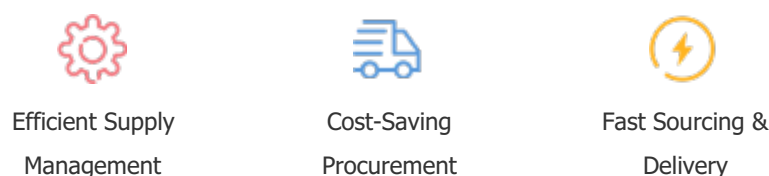
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### Payment Support

The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,  
PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



View More



### Contact us

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