

## SCHOTTKY RECTIFIERS

## AXIAL LEAD RECTIFIERS



## Features:

- Glass Passivated
- Hermetically Sealed Glass Envelope

- Sinterglass Axial
- Low Reverse Current

Mfg. Part No.	If(AV)	VF Max	Case Style	Vrrm Max	Stock No.	Tape & Reel 1-24999+
● BYT62-TR	350mA	4V	SOD-57	2.4kV	18M1773	---
● BY269TR	800mA	1.25V	SOD-57	1.6kV	32C9490	0.29
● BYV26B-TR	1A	2.5V	SOD-57	400V	32C9378	---
● BYV26C-TR	1A	2.5V	SOD-57	600V	32C9380	0.16
● BYV26D-TR	1A	2.5V	SOD-57	800V	47M1742	---
● BYV26E-TR	1A	2.5V	SOD-57	1kV	32C9384	0.17
● SF1600-TR	1A	3.4V	SOD-57	1.6kV	65K1913	0.27
● BYT54M-TR	1.25A	1.5V	SOD-57	1kV	32C9334	---
● BYT52G-TR	1.4A	1.3V	SOD-57	400V	32C9302	---
● BYT52J-TR	1.4A	1.3V	SOD-57	600V	32C9304	---
● BYT52K-TR	1.4A	1.3V	SOD-57	800V	32C9306	---
● BYT52M-TR	1.4A	1.3V	SOD-57	1kV	32C9308	0.17
● BYV16-TR	1.5A	1.5V	SOD-57	1kV	32C9374	---
● BYT53G-TR	1.9A	1.1V	SOD-57	400V	32C9320	---
● BYW52-TR	2A	1V	SOD-57	200V	18M1781	---
● BYW53-TR	2A	1V	SOD-57	400V	18M1782	---
● BYW54-TR	2A	1V	SOD-57	600V	47M1743	0.12
● 1N5061-TR	2A	1V	SOD-57	600V	33C3957	0.22
● BYW55-TR	2A	1V	SOD-57	800V	32C9442	---
● BYW56-TR	2A	1V	SOD-57	1kV	47M1744	0.16
● BYV27-050-TR	2A	1.07V	SOD-57	50V	96K4325	---
● BYV27-100-TR	2A	1.07V	SOD-57	100V	32C9388	---
● BYV27-150-TR	2A	1.07V	SOD-57	150V	32C9390	---
● BYV27-200-TR	2A	1.07V	SOD-57	200V	32C9392	0.32
● BYV38-TR	2A	1.1V	SOD-57	1kV	32C9408	0.16
● BYW36-TR	2A	1.1V	SOD-64	600V	32C9434	---
● 1N5059-TR	2A	1.15V	SOD-57	200V	33C2820	0.20
● 1N5062-TR	2A	1.15V	SOD-57	800V	33C2826	0.22
● BYV27-600-TR	2A	1.35V	SOD-57	600V	32C9394	---
● BY448-TR	2A	1.6V	SOD-57	1.5kV	32C9492	---
● BYM36E-TR	2.9A	1.78V	SOD-64	1kV	32C9207	0.35
● BYW82-TR	3A	1V	SOD-64	200V	32C9456	---
● BYW83-TR	3A	1V	SOD-64	400V	32C9458	0.34
● BYW84-TR	3A	1V	SOD-64	600V	32C9460	0.36
● BYW86-TR	3A	1V	SOD-64	1kV	32C9464	0.95
● BYW72-TR	3A	1.1V	SOD-64	200V	32C9446	0.33
● BYT78-TR	3A	1.2V	SOD-64	1kV	47M1741	0.31
● BYT56J-TR	3A	1.4V	SOD-64	600V	32C9344	0.34
● BYT56M-TR	3A	1.4V	SOD-64	1kV	32C9348	---
● SF5408-TR	3A	1.7V	SOD-64	1kV	33C1044	0.55
● BYW178-TR	3A	1.9V	SOD-64	800V	18M1777	---
● BYV28-100-TR	3.5A	1.1V	SOD-64	100V	32C9398	0.42
● BYV28-150-TR	3.5A	1.1V	SOD-64	150V	32C9400	0.37
● BYV28-600-TR	3.5A	1.35V	SOD-64	600V	32C9404	0.41
● BYV98-100-TR	4A	1.1V	SOD-64	100V	32C9412	0.38
● BYV98-200-TR	4A	1.1V	SOD-64	200V	18M1776	0.35

PIM\_70539

## FAST-RECOVERY SINGLE DIODE MODULES

## Features:

- Isolated Mounting
- Planar Chips
- UL Recognized

## Applications:

- Inverters
- Choppers
- Switching Power Supplies
- Free Wheeling

**Powerex Fast Recovery Single Diode Modules** are designed for use in applications requiring fast switching. The modules are isolated for easy mounting with other components on common heatsinks. POW-R-BLOK™ has been tested and recognized by Underwriters Laboratories.

TRR=0.8 µs

**POWEREX**

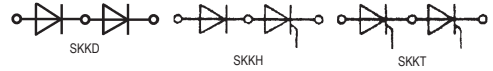
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## FAST-RECOVERY SINGLE DIODE MODULES (CONT.)

Mfg. Part No.	Vrrm Max	If(AV)	VF Max	Stock No.	Price Each 1+
<b>Single</b>					
CS240650	600V	50A	1.5V	06F3329	---
CS240610	600V	100A	1.5V	06F3328	---
CS241210	1.2kV	100A	1.5V	06F3330	---

PIM\_4393

## SEMIPACK® THYRISTOR/DIODE MODULES

**SEMIKRON**  
innovation + service

SKET

**SKET series** single thyristor; **SKKD series** two diodes; **SKKH series**, thyristor (cathode side) + diode; **SKKT series**, two thyristors. dv/dt grade: 500V/µs (mfg. part no. suffix D); 1000V/µs (mfg. part no. suffix E). Applications: DC motor and temperature control, light dimming, and rectifiers for AC/AC converters and transistorized AC motor controllers.

Mfg. Part No.	On State RMS Current IT(rms)	Peak Repetitive Off-State Voltage Vdrm	Peak Non Rep Surge Current Itsm 50Hz	Case Style	Stock No.	Price Each 1-2+
● SKKT162/16E	250A	1.6kV	5.4kA	7 Pins	01H8025	54.91
● SKKT 27/16 E	50A	1.6kV	550A	7 Pins	54H0009	---
● SKKH27/16E	50A	1.6kV	550A	5 Pins	88C0714	24.47
● SKKH 122/16 E	195A	1.6kV	3.6kA	5 Pins	91H1729	70.37
● SKKT 122/16 E	195A	1.6kV	3.6kA	7 Pins	91H1825	73.54
● SKKH 106/16E	180A	1.6kV	2.25kA	5 Pins	63K6164	41.59
● SKKH 250/16 E	420A	1.6kV	9kA	5 Pins	63K6165	294.24
● SKKH 57/16 E	95A	1.6kV	1.5kA	5 Pins	63K6166	24.61
● SKKT 250/16E	420A	1.6kV	9kA	7 Pins	63K6168	228.29
● SKKH 162/16 E	250A	1.6kV	5.4kA	5 Pins	64K2277	76.43
● SKKH 42/16E	75A	1.6kV	1kA	5 Pins	64K3171	33.80
● SKKH 132/16E	220A	1.6kV	4.7kA	7 Pins	60K0921	70.17
● SKKH 92/16E	150A	1.6kV	2kA	7 Pins	88K1987	28.85
● SKKT 57/16 E	95A	1.6kV	1.5kA	7 Pins	88K1989	35.05
● SKKH 330/16 E	510A	1.6kV	9.5kA	5 Pins	88K1174	294.22
● SKKH 72/16E	125A	1.6kV	1.6kA	5 Pins	88K1177	44.31
● SKKT 20/16 E	40A	1.6kV	320A	7 Pins	88K1178	36.07
● SKKT 330/16 E	510A	1.6kV	9.5kA	7 Pins	88K1179	206.63
● SKET 400/16E	700A	1.6kV	14kA	4 Pins	88K1985	219.23
● SKKT 42/16E	75A	1.6kV	1kA	7 Pins	88K1988	36.42
● SKKT 92/16E	150A	1.6kV	2kA	7 Pins	83F4930	26.75
● SKKT 106/16E	180A	1.6kV	2.25kA	7 Pins	83F4932	29.12

PIM\_28580

## PHASE CONTROL SCR THYRISTORS



**\*SafeIR™** series phase-control SCRs are designed to increase safety margins. Input function allows for final product design to meet demanding environmental standards. **RIA** in type number indicates medium power thyristors.

Mfg. Part No.	Vgt Max	Igt Max	IT(rms)	Case Style	Stock No.	Price Each 1-9+
● VS-10TTS08SPBF	1V	15mA	10A	TO-263	74K2905	---
● VS-70TPS12PBF	1.5V	100mA	75A	TO-247	30K6069	3.89
● VS-70TPS16PBF	1.5V	100mA	75A	TO-247	31K5941	---
● VS-2N691	2V	40mA	25A	TO-48	08H0841	10.73
● VS-2N692	2V	40mA	25A	TO-48	09F6589	---
● VS-2N688	2V	40mA	25A	TO-48	09F6577	9.88
● VS-2N682	2V	40mA	25A	TO-48	08H0840	7.28
● VS-2N5207	2V	40mA	35A	TO-48	09F5960	11.35
● VS-2N5205	2V	40mA	35A	TO-48	09F5956	11.66
● VS-2N5206	2V	40mA	35A	TO-48	09F5958	20.23

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