

## Part Number Search: Power Rectifiers



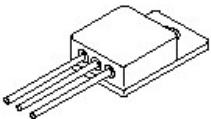
## Product Specifications

**Product Group:**Power Rectifiers, Ultra Fast Rectifier(less than 100ns)

[View Parametric Table](#)

## Overview

## Docs & Specs



## Power Rectifier

Part Number:SHD3264P

Package Style:T0-257

Configuration: DUAL

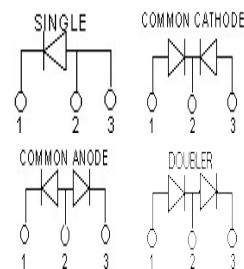
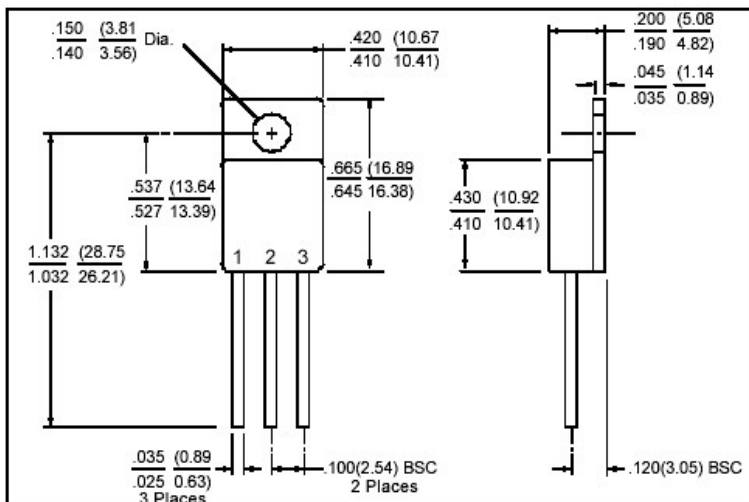
All Ratings Are @  $T_c = 25\text{ }^{\circ}\text{C}$  Unless Otherwise Specified.

## Disclaimer

Maximum Ratings Conditions	Symbol	Max	Units
Peak Inverse Voltage	PIV	600	Volts
Maximum DC Output Current @ Tc=55 °C)	Io		Amps
Maximum DC Output Current @ Tc=100 °C)	Io	16	Amps
Maximum Non-Repetitive Forward Surge Current (t= 8.3ms, Sine)	1FSM	75	Amps
Maximum Thermal Resistance	RθJC	3.7	°C/W
Operating Temperature	TJ(MAX)	-65 to +175	°C

Electrical Characteristics Conditions	Symbol	Max	Units
Maximum Forward Voltage Drop, Pulsed (If = 16 Amps) TA = 25 °C	Vf		Volts
Maximum Reverse Current TA = 25 °C TA = 150 °C	Ir	25	uA uA
Reverse Recovery Time	trr	30	ns

## Mechanical Dimensions: In Inches / mm



**\* This drawing is for reference only.**

Type	Pin 1	Pin 2	Pin 3
Single Rectifier	Cathode	Anode	Anode
Dual Rectifier, Common Cathode (P)	Anode 1	Common Cathode	Anode 2
Dual Rectifier, Common Anode (N)	Cathode 1	Common Anode	Cathode 2
Doubler (D)	Anode	Anode / Cathode	Cathode

*Data and specifications subject to change without notice.*

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