



## **SDURD540TR Information**



For Reference Only

Part Number SDURD540TR

Manufacturer SMC Diode Solutions

Category Discrete Semiconductor Products

Diodes - Rectifiers - Single

**Description** DIODE GEN PURP 300V DPAK

Package TO-252-3, DPak (2 Leads + Tab), SC-63

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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# **Certified Quality**

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## **SDURD540TR Specifications**

Manufacturer Part NumberSDURD540TRManufacturerSMC Diode SolutionsCategoryDiscrete Semiconductor ProductsPackageTO-252-3, DPak (2 Leads + Tab), SC-63Series-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)300VCurrent - Average Rectified (Io)-Voltage - Forward (Vf) (Max) @ If1.3V @ 5ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)45nsCurrent - Reverse Leakage @ Vr30μA @ 300VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageDPAKOperating Temperature - Junction-55°C ~ 150°C		
Category  Discrete Semiconductor Products  Diodes - Rectifiers - Single  TO-252-3, DPak (2 Leads + Tab), SC-63  Series  - Diode Type  Standard  Voltage - DC Reverse (Vr) (Max)  Current - Average Rectified (Io)  Voltage - Forward (Vf) (Max) @ If  Speed  Fast Recovery =< 500ns, > 200mA (Io)  Reverse Recovery Time (trr)  45ns  Current - Reverse Leakage @ Vr  30µA @ 300V  Capacitance @ Vr, F  Mounting Type  Surface Mount  Package / Case  Supplier Device Package  DPAK  Operating Temperature - Junction	Manufacturer Part Number	SDURD540TR
Diodes - Rectifiers - SinglePackageTO-252-3, DPak (2 Leads + Tab), SC-63Series-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)300VCurrent - Average Rectified (Io)-Voltage - Forward (Vf) (Max) @ If1.3V @ 5ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)45nsCurrent - Reverse Leakage @ Vr30μA @ 300VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageDPAKOperating Temperature - Junction-55°C ~ 150°C	Manufacturer	SMC Diode Solutions
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Voltage - DC Reverse (Vr) (Max)  Current - Average Rectified (Io)  Voltage - Forward (Vf) (Max) @ If  Speed  Fast Recovery =< 500ns, > 200mA (Io)  Reverse Recovery Time (trr)  45ns  Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  Mounting Type  Surface Mount  Package / Case  Supplier Device Package  Operating Temperature - Junction  300V  - 55°C ~ 150°C	Series	-
Current - Average Rectified (Io)  Voltage - Forward (Vf) (Max) @ If  Speed  Fast Recovery = < 500ns, > 200mA (Io)  Reverse Recovery Time (trr)  45ns  Current - Reverse Leakage @ Vr  30µA @ 300V  Capacitance @ Vr, F  Mounting Type  Surface Mount  Package / Case  TO-252-3, DPak (2 Leads + Tab), SC-63  Supplier Device Package  Operating Temperature - Junction  -55°C ~ 150°C	Diode Type	Standard
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Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package DPAK Operating Temperature - Junction -55°C ~ 150°C	Capacitance @ Vr, F	-
Supplier Device Package DPAK Operating Temperature - Junction $-55^{\circ}\text{C} \sim 150^{\circ}\text{C}$	Mounting Type	Surface Mount
Operating Temperature - Junction -55°C ~ 150°C	Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
	Supplier Device Package	DPAK
Report errors?	Operating Temperature - Junction	-55°C ~ 150°C
		Report errors?

### **SDURD540TR Guarantees**



#### **Quality Guarantees**

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



#### **Service Guarantees**

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

### **SDURD540TR Payment Methods**



















### **SDURD540TR Shipping Methods**













If you have any question about SDURD540TR, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com