



### **SDURD1040TR Information**



For Reference Only

Part Number SDURD1040TR
Manufacturer SMC Diode Solutions

Category Discrete Semiconductor Products

Diodes - Rectifiers - Single

**Description** DIODE GEN PURP 400V 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**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









# **SDURD1040TR Specifications**

Manufacturer Part NumberSDURD1040TRManufacturerSMC Diode SolutionsCategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageTO-252-3, DPak (2 Leads + Tab), SC-63Series-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)400VCurrent - Average Rectified (Io)-Voltage - Forward (Vf) (Max) @ If1.5V @ 10ASpeedFast Recovery =< 500ns, > 200mA (Io)		
Category  Discrete Semiconductor Products  Diodes - Rectifiers - Single  Package  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  Discrete Semiconductor Products  Diodes - Rectifiers - Single  TO-252-3, DPak (2 Leads + Tab), SC-63  -  Under Standard  To-252-3, DPak (2 Leads + Tab), SC-63  -  Standard  To-252-3, DPak (2 Leads + Tab), SC-63  -  Standard  Fast Recovery = Standard  To-252-3, DPak (2 Leads + Tab), SC-63  -  Fast Recovery = Standard  To-252-3, DPak (2 Leads + Tab), SC-63  -  Fast Recovery = Standard  To-252-3, DPak (2 Leads + Tab), SC-63  -  Fast Recovery = Standard  To-252-3, DPak (2 Leads + Tab), SC-63  -  Fast Recovery = Standard	Manufacturer Part Number	SDURD1040TR
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Speed Fast Recovery =< 500ns, > 200mA (Io)	Current - Average Rectified (Io)	-
	Voltage - Forward (Vf) (Max) @ If	1.5V @ 10A
	Speed	Fast Recovery =< 500ns, > 200mA (Io)
Reverse Recovery Time (trr) 45ns	Reverse Recovery Time (trr)	45ns
Current - Reverse Leakage @ Vr 10µA @ 400V	Current - Reverse Leakage @ Vr	10μA @ 400V
Capacitance @ Vr, F	Capacitance @ Vr, F	-
Mounting Type Surface Mount	Mounting Type	Surface Mount
Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
Supplier Device Package DPAK	Supplier Device Package	DPAK
Operating Temperature - Junction $-55^{\circ}\text{C} \sim 150^{\circ}\text{C}$	Operating Temperature - Junction	-55°C ~ 150°C
Report errors?		Report errors?

#### **SDURD1040TR 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.

### **SDURD1040TR Payment Methods**





















# **SDURD1040TR Shipping Methods**













If you have any question about SDURD1040TR, please do not hesitate to contact us!

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