



S6008DS2RP Information



For Reference Only

Part Number S6008DS2RP **Manufacturer** Littelfuse Inc.

Category Discrete Semiconductor Products

Thyristors - SCRs

Description SCR SENS 600V 8A SMT TO-252AA **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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S6008DS2RP Specifications

Manufacturer S6008DS2RP Manufacturer Littelfuse Inc. Category Discrete Semiconductor Products Thyristors - SCRs Package TO-252-3, DPak (2 Leads + Tab), SC-63 Series - Voltage - Off State 600V Voltage - Gate Trigger (Vgt) (Max) 800mV Current - Gate Trigger (Igt) (Max) 200μA Voltage - On State (Vtm) (Max) 1.6V Current - On State (It (AV)) (Max) 5.1A Current - On State (It (RMS)) (Max) 8A Current - Hold (Ih) (Max) 6mA Current - For State (Max) 5μA Current - Non Rep. Surge 50, 60Hz (Itsm) 83A, 100A SCR Type Sensitive Gate Operating Temperature -40°C ~ 110°C Mounting Type Surface Mount Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package TO-252, (D-Pak)		
CategoryDiscrete Semiconductor ProductsPackageTO-252-3, DPak (2 Leads + Tab), SC-63Series-Voltage - Off State600VVoltage - Gate Trigger (Vgt) (Max)800mVCurrent - Gate Trigger (Igt) (Max)200μAVoltage - On State (Vtm) (Max)1.6VCurrent - On State (It (AV)) (Max)5.1ACurrent - On State (It (RMS)) (Max)8ACurrent - Hold (Ih) (Max)6mACurrent - Hold (Ih) (Max)5μACurrent - Non Rep. Surge 50, 60Hz (Itsm)83A, 100ASCR TypeSensitive GateOperating Temperature-40°C ~ 110°CMounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageTO-252, (D-Pak)	Manufacturer Part Number	S6008DS2RP
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Series-Voltage - Off State600 VVoltage - Gate Trigger (Vgt) (Max)800 mVCurrent - Gate Trigger (Igt) (Max)200 μAVoltage - On State (Vtm) (Max)1.6 VCurrent - On State (It (AV)) (Max)5.1 ACurrent - On State (It (RMS)) (Max)8ACurrent - Hold (Ih) (Max)6mACurrent - Off State (Max)5μACurrent - Non Rep. Surge 50, 60Hz (Itsm)83 A, 100 ASCR TypeSensitive GateOperating Temperature-40°C ~ 110°CMounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageTO-252, (D-Pak)		Thyristors - SCRs
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Voltage - Gate Trigger (Vgt) (Max)800mVCurrent - Gate Trigger (Igt) (Max)200μAVoltage - On State (Vtm) (Max)1.6VCurrent - On State (It (AV)) (Max)5.1ACurrent - On State (It (RMS)) (Max)8ACurrent - Hold (Ih) (Max)6mACurrent - Off State (Max)5μACurrent - Non Rep. Surge 50, 60Hz (Itsm)83A, 100ASCR TypeSensitive GateOperating Temperature-40°C ~ 110°CMounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageTO-252, (D-Pak)	Series	-
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Voltage - On State (Vtm) (Max) Current - On State (It (AV)) (Max) Current - On State (It (RMS)) (Max) Current - Hold (Ih) (Max) Current - Hold (Ih) (Max) Current - Off State (Max) Current - Non Rep. Surge 50, 60Hz (Itsm) SCR Type Sensitive Gate Operating Temperature -40°C ~ 110°C Mounting Type Surface Mount Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package	Voltage - Gate Trigger (Vgt) (Max)	800mV
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Current - Off State (Max) $5\mu A$ Current - Non Rep. Surge 50, 60Hz (Itsm) $83A$, $100A$ SCR Type Sensitive Gate Operating Temperature $-40^{\circ}C \sim 110^{\circ}C$ Mounting Type Surface Mount Package / Case $TO-252-3$, DPak (2 Leads + Tab), SC-63 Supplier Device Package	Current - On State (It (RMS)) (Max)	8A
Current - Non Rep. Surge 50, 60Hz (Itsm) 83A, 100A SCR Type Sensitive Gate -40°C ~ 110°C Mounting Type Surface Mount Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package TO-252, (D-Pak)	Current - Hold (Ih) (Max)	6mA
SCR TypeSensitive GateOperating Temperature-40°C ~ 110°CMounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageTO-252, (D-Pak)	Current - Off State (Max)	5μΑ
Operating Temperature -40°C ~ 110°C Mounting Type Surface Mount Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package TO-252, (D-Pak)	Current - Non Rep. Surge 50, 60Hz (Itsm)	83A, 100A
Mounting Type Surface Mount Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package TO-252, (D-Pak)	SCR Type	Sensitive Gate
Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package TO-252, (D-Pak)	Operating Temperature	-40°C ~ 110°C
Supplier Device Package TO-252, (D-Pak)	Mounting Type	Surface Mount
	Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
Report errors?	Supplier Device Package	TO-252, (D-Pak)
Report crists:		Report errors?

S6008DS2RP 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.

S6008DS2RP Payment Methods





















S6008DS2RP Shipping Methods













If you have any question about S6008DS2RP, please do not hesitate to contact us!

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