



S2006DS3RP Information



For Reference Only

Part Number S2006DS3RP Manufacturer Littelfuse Inc.

Category Discrete Semiconductor Products

Thyristors - SCRs

Description SCR SENS 200V 6A TO-252

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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S2006DS3RP Specifications

Manufacturer Part Number \$2006DS3RP Manufacturer Littelfuse Inc. Category Discrete Semiconductor Products Thyristors - SCRs Package TO-252-3, DPak (2 Leads + Tab), SC-63 Series - Voltage - Off State 200V Voltage - Gate Trigger (Vgt) (Max) 800mV Current - Gate Trigger (Igt) (Max) 500μA Voltage - On State (Vtm) (Max) 1.6V Current - On State (It (AV)) (Max) 3.8A Current - On State (It (RMS)) (Max) 6A Current - Hold (Ih) (Max) 8mA Current - Off 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 State200VVoltage - Gate Trigger (Vgt) (Max)800mVCurrent - Gate Trigger (Igt) (Max)500μAVoltage - On State (Vtm) (Max)1.6VCurrent - On State (It (AV)) (Max)3.8ACurrent - On State (It (RMS)) (Max)6ACurrent - Hold (Ih) (Max)8mACurrent - 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	S2006DS3RP
PackageThyristors - SCRsSeries-Voltage - Off State200VVoltage - Gate Trigger (Vgt) (Max)800mVCurrent - Gate Trigger (Igt) (Max)500μAVoltage - On State (Vtm) (Max)1.6VCurrent - On State (It (AV)) (Max)3.8ACurrent - On State (It (RMS)) (Max)6ACurrent - Hold (Ih) (Max)8mACurrent - 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)	Manufacturer	Littelfuse Inc.
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Series-Voltage - Off State200VVoltage - Gate Trigger (Vgt) (Max)800mVCurrent - Gate Trigger (Igt) (Max)500μAVoltage - On State (Vtm) (Max)1.6VCurrent - On State (It (AV)) (Max)3.8ACurrent - On State (It (RMS)) (Max)6ACurrent - Hold (Ih) (Max)8mACurrent - 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)		Thyristors - SCRs
Voltage - Off State200 VVoltage - Gate Trigger (Vgt) (Max)800 mVCurrent - Gate Trigger (Igt) (Max)500 μAVoltage - On State (Vtm) (Max)1.6 VCurrent - On State (It (AV)) (Max)3.8 ACurrent - On State (It (RMS)) (Max)6ACurrent - Hold (Ih) (Max)8 mACurrent - Off State (Max)5 μACurrent - 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)	Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Voltage - Gate Trigger (Vgt) (Max)800mVCurrent - Gate Trigger (Igt) (Max)500μAVoltage - On State (Vtm) (Max)1.6VCurrent - On State (It (AV)) (Max)3.8ACurrent - On State (It (RMS)) (Max)6ACurrent - Hold (Ih) (Max)8mACurrent - 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	-
Current - Gate Trigger (Igt) (Max)500μAVoltage - On State (Vtm) (Max)1.6VCurrent - On State (It (AV)) (Max)3.8ACurrent - On State (It (RMS)) (Max)6ACurrent - Hold (Ih) (Max)8mACurrent - 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)	Voltage - Off State	200V
Voltage - On State (Vtm) (Max) Current - On State (It (AV)) (Max) 3.8A Current - On State (It (RMS)) (Max) 6A Current - Hold (Ih) (Max) Current - Off State (Max) 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)	Voltage - Gate Trigger (Vgt) (Max)	800mV
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Current - Hold (Ih) (Max) $8mA$ Current - Off State (Max) $5\mu A$ Current - Non Rep. Surge 50, 60Hz (Itsm) $83A$, $100A$ SCR TypeSensitive GateOperating Temperature $-40^{\circ}\text{C} \sim 110^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case $TO-252-3$, $DPak$ (2 Leads + Tab), SC-63Supplier Device Package $TO-252$, $(D-Pak)$	Current - On State (It (AV)) (Max)	3.8A
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)	6A
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)	8mA
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 errors?

S2006DS3RP 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.

S2006DS3RP Payment Methods



















S2006DS3RP Shipping Methods













If you have any question about S2006DS3RP, please do not hesitate to contact us!

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