



S2012DRP Information



For Reference Only

Part Number S2012DRP
Manufacturer Littelfuse Inc.

Category Discrete Semiconductor Products

Thyristors - SCRs

Description SCR NON-SENS 200V 12A 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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S2012DRP Specifications

Manufacturer Part Number \$2012DRP 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) 1.5V Current - Gate Trigger (Igt) (Max) 20mA Voltage - On State (Vtm) (Max) 1.6V Current - On State (It (AV)) (Max) 7.6A Current - On State (It (RMS)) (Max) 12A Current - Hold (Ih) (Max) 40mA Current - Off State (Max) 10µA Current - Non Rep. Surge 50, 60Hz (Itsm) 100A, 120A SCR Type Standard Recovery Operating Temperature -40°C ~ 125°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)1.5VCurrent - Gate Trigger (Igt) (Max)20mAVoltage - On State (Vtm) (Max)1.6VCurrent - On State (It (AV)) (Max)7.6ACurrent - On State (It (RMS)) (Max)12ACurrent - Hold (Ih) (Max)40mACurrent - Non Rep. Surge 50, 60Hz (Itsm)100A, 120ASCR TypeStandard RecoveryOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageTO-252, (D-Pak)	Manufacturer Part Number	S2012DRP
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Series-Voltage - Off State200VVoltage - Gate Trigger (Vgt) (Max)1.5VCurrent - Gate Trigger (Igt) (Max)20mAVoltage - On State (Vtm) (Max)1.6VCurrent - On State (It (AV)) (Max)7.6ACurrent - On State (It (RMS)) (Max)12ACurrent - Hold (Ih) (Max)40mACurrent - Off State (Max)10μACurrent - Non Rep. Surge 50, 60Hz (Itsm)100A, 120ASCR TypeStandard RecoveryOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageTO-252, (D-Pak)		Thyristors - SCRs
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Current - Gate Trigger (Igt) (Max)20mAVoltage - On State (Vtm) (Max)1.6VCurrent - On State (It (AV)) (Max)7.6ACurrent - On State (It (RMS)) (Max)12ACurrent - Hold (Ih) (Max)40mACurrent - Off State (Max)10μACurrent - Non Rep. Surge 50, 60Hz (Itsm)100A, 120ASCR TypeStandard RecoveryOperating Temperature-40°C ~ 125°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) 7.6A Current - On State (It (RMS)) (Max) 12A Current - Hold (Ih) (Max) Current - Off State (Max) 10μA Current - Non Rep. Surge 50, 60Hz (Itsm) 100A, 120A SCR Type Standard Recovery Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package	Voltage - Gate Trigger (Vgt) (Max)	1.5V
Current - On State (It (AV)) (Max) Current - On State (It (RMS)) (Max) 12A Current - Hold (Ih) (Max) 40mA Current - Off State (Max) 10μA Current - Non Rep. Surge 50, 60Hz (Itsm) 100A, 120A SCR Type Standard Recovery Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package	Current - Gate Trigger (Igt) (Max)	20mA
Current - On State (It (RMS)) (Max) Current - Hold (Ih) (Max) 40mA Current - Off State (Max) 10μA Current - Non Rep. Surge 50, 60Hz (Itsm) 100A, 120A SCR Type Standard Recovery Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package	Voltage - On State (Vtm) (Max)	1.6V
Current - Hold (Ih) (Max) $40mA$ Current - Off State (Max) $10\mu A$ Current - Non Rep. Surge 50, 60Hz (Itsm) $100A$, $120A$ SCR Type Standard Recovery Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ Mounting Type Surface Mount Package / Case $TO-252-3$, DPak (2 Leads + Tab), SC-63 Supplier Device Package	Current - On State (It (AV)) (Max)	7.6A
Current - Off State (Max)10μACurrent - Non Rep. Surge 50, 60Hz (Itsm)100A, 120ASCR TypeStandard RecoveryOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageTO-252, (D-Pak)	Current - On State (It (RMS)) (Max)	12A
Current - Non Rep. Surge 50, 60Hz (Itsm) SCR Type Standard Recovery Operating Temperature -40°C ~ 125°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)	40mA
SCR TypeStandard RecoveryOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageTO-252, (D-Pak)	Current - Off State (Max)	10μΑ
Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package TO-252, (D-Pak)	Current - Non Rep. Surge 50, 60Hz (Itsm)	100A, 120A
Mounting Type Surface Mount Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package TO-252, (D-Pak)	SCR Type	Standard Recovery
Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Supplier Device Package TO-252, (D-Pak)	Operating Temperature	-40°C ~ 125°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?

S2012DRP 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.

S2012DRP Payment Methods





















S2012DRP Shipping Methods













If you have any question about S2012DRP, please do not hesitate to contact us!

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