

S2010V Information



For Reference Only

Part Number S2010V Manufacturer Littelfuse Inc.

Category Discrete Semiconductor Products

Thyristors - SCRs

DescriptionSCR NON-SENS 200V 10A TO-251AA**Package**TO-251-3 Short Leads, IPak, TO-251AA

For the pricing/inventory/lead time, please contact

us

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



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S2010V Specifications

Manufacturer Part Number \$2010V Manufacturer Littelfuse Inc. Category Discrete Semiconductor Products Thyristors - SCRs Package TO-251-3 Short Leads, IPak, TO-251AA Series - Voltage - Off State 200V Voltage - Gate Trigger (Vgt) (Max) 1.5V Current - Gate Trigger (Igt) (Max) 15mA Voltage - On State (Vtm) (Max) 1.6V Current - On State (It (AV)) (Max) 6.4A Current - On State (It (RMS)) (Max) 10A Current - Hold (Ih) (Max) 30mA Current - Foff State (Max) 10μA Current - Non Rep. Surge 50, 60Hz (Itsm) 83A, 100A SCR Type Standard Recovery Operating Temperature -40°C ~ 125°C Mounting Type Through Hole Package / Case TO-251-3 Short Leads, IPak, TO-251AA		
CategoryDiscrete Semiconductor ProductsThyristors - SCRsPackageTO-251-3 Short Leads, IPak, TO-251AASeries-Voltage - Off State200VVoltage - Gate Trigger (Vgt) (Max)1.5VCurrent - Gate Trigger (Igt) (Max)15mAVoltage - On State (Vtm) (Max)1.6VCurrent - On State (It (AV)) (Max)6.4ACurrent - On State (It (RMS)) (Max)10ACurrent - Hold (Ih) (Max)30mACurrent - Off State (Max)10μACurrent - Non Rep. Surge 50, 60Hz (Itsm)83A, 100ASCR TypeStandard RecoveryOperating Temperature-40°C ~ 125°CMounting TypeThrough Hole	Manufacturer Part Number	S2010V
PackageThyristors - SCRsSeries-Voltage - Off State200VVoltage - Gate Trigger (Vgt) (Max)1.5VCurrent - Gate Trigger (Igt) (Max)15mAVoltage - On State (Vtm) (Max)1.6VCurrent - On State (It (AV)) (Max)6.4ACurrent - On State (It (RMS)) (Max)10ACurrent - Hold (Ih) (Max)30mACurrent - Off State (Max)10μACurrent - Non Rep. Surge 50, 60Hz (Itsm)83A, 100ASCR TypeStandard RecoveryOperating Temperature-40°C ~ 125°CMounting TypeThrough Hole	Manufacturer	Littelfuse Inc.
PackageTO-251-3 Short Leads, IPak, TO-251AASeries-Voltage - Off State200VVoltage - Gate Trigger (Vgt) (Max)1.5VCurrent - Gate Trigger (Igt) (Max)15mAVoltage - On State (Vtm) (Max)1.6VCurrent - On State (It (AV)) (Max)6.4ACurrent - On State (It (RMS)) (Max)10ACurrent - Hold (Ih) (Max)30mACurrent - Off State (Max)10μACurrent - Non Rep. Surge 50, 60Hz (Itsm)83A, 100ASCR TypeStandard RecoveryOperating Temperature-40°C ~ 125°CMounting TypeThrough Hole	Category	Discrete Semiconductor Products
Series-Voltage - Off State200VVoltage - Gate Trigger (Vgt) (Max)1.5VCurrent - Gate Trigger (Igt) (Max)15mAVoltage - On State (Vtm) (Max)1.6VCurrent - On State (It (AV)) (Max)6.4ACurrent - On State (It (RMS)) (Max)10ACurrent - Hold (Ih) (Max)30mACurrent - Off State (Max)10μACurrent - Non Rep. Surge 50, 60Hz (Itsm)83A, 100ASCR TypeStandard RecoveryOperating Temperature-40°C ~ 125°CMounting TypeThrough Hole		Thyristors - SCRs
Voltage - Off State200VVoltage - Gate Trigger (Vgt) (Max)1.5VCurrent - Gate Trigger (Igt) (Max)15mAVoltage - On State (Vtm) (Max)1.6VCurrent - On State (It (AV)) (Max)6.4ACurrent - On State (It (RMS)) (Max)10ACurrent - Hold (Ih) (Max)30mACurrent - Off State (Max)10μACurrent - Non Rep. Surge 50, 60Hz (Itsm)83A, 100ASCR TypeStandard RecoveryOperating Temperature-40°C ~ 125°CMounting TypeThrough Hole	Package	TO-251-3 Short Leads, IPak, TO-251AA
Voltage - Gate Trigger (Vgt) (Max)1.5VCurrent - Gate Trigger (Igt) (Max)15mAVoltage - On State (Vtm) (Max)1.6VCurrent - On State (It (AV)) (Max)6.4ACurrent - On State (It (RMS)) (Max)10ACurrent - Hold (Ih) (Max)30mACurrent - Off State (Max)10μACurrent - Non Rep. Surge 50, 60Hz (Itsm)83A, 100ASCR TypeStandard RecoveryOperating Temperature-40°C ~ 125°CMounting TypeThrough Hole	Series	-
Current - Gate Trigger (Igt) (Max)15mAVoltage - On State (Vtm) (Max)1.6VCurrent - On State (It (AV)) (Max)6.4ACurrent - On State (It (RMS)) (Max)10ACurrent - Hold (Ih) (Max)30mACurrent - Off State (Max)10μACurrent - Non Rep. Surge 50, 60Hz (Itsm)83A, 100ASCR TypeStandard RecoveryOperating Temperature-40°C ~ 125°CMounting TypeThrough Hole	Voltage - Off State	200V
Voltage - On State (Vtm) (Max)1.6VCurrent - On State (It (AV)) (Max)6.4ACurrent - On State (It (RMS)) (Max)10ACurrent - Hold (Ih) (Max)30mACurrent - Off State (Max)10μACurrent - Non Rep. Surge 50, 60Hz (Itsm)83A, 100ASCR TypeStandard RecoveryOperating Temperature-40°C ~ 125°CMounting TypeThrough Hole	Voltage - Gate Trigger (Vgt) (Max)	1.5V
Current - On State (It (AV)) (Max) Current - On State (It (RMS)) (Max) 10A Current - Hold (Ih) (Max) 30mA Current - Off State (Max) Current - Non Rep. Surge 50, 60Hz (Itsm) 83A, 100A SCR Type Standard Recovery Operating Temperature -40°C ~ 125°C Mounting Type Through Hole	Current - Gate Trigger (Igt) (Max)	15mA
Current - On State (It (RMS)) (Max) $10A$ Current - Hold (Ih) (Max) $30mA$ Current - Off State (Max) $10\mu A$ Current - Non Rep. Surge 50, 60Hz (Itsm) $83A$, $100A$ SCR TypeStandard RecoveryOperating Temperature $-40^{\circ}C \sim 125^{\circ}C$ Mounting TypeThrough Hole	Voltage - On State (Vtm) (Max)	1.6V
Current - Hold (Ih) (Max) $30mA$ Current - Off State (Max) $10\mu A$ Current - Non Rep. Surge 50, 60Hz (Itsm) $83A$, $100A$ SCR TypeStandard RecoveryOperating Temperature $-40^{\circ}C \sim 125^{\circ}C$ Mounting TypeThrough Hole	Current - On State (It (AV)) (Max)	6.4A
Current - Off State (Max) $10\mu A$ Current - Non Rep. Surge 50, 60Hz (Itsm)83A, 100ASCR TypeStandard RecoveryOperating Temperature $-40^{\circ}C \sim 125^{\circ}C$ Mounting TypeThrough Hole	Current - On State (It (RMS)) (Max)	10A
Current - Non Rep. Surge 50, 60Hz (Itsm) SCR Type Standard Recovery Operating Temperature -40°C ~ 125°C Mounting Type Through Hole	Current - Hold (Ih) (Max)	30mA
SCR TypeStandard RecoveryOperating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeThrough Hole	Current - Off State (Max)	10μΑ
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Through Hole	Current - Non Rep. Surge 50, 60Hz (Itsm)	83A, 100A
Mounting Type Through Hole	SCR Type	Standard Recovery
	Operating Temperature	-40°C ~ 125°C
Package / Case TO-251-3 Short Leads, IPak, TO-251AA	Mounting Type	Through Hole
10 201 0 5000 20000, 11 011, 10 20 1111	Package / Case	TO-251-3 Short Leads, IPak, TO-251AA
Supplier Device Package TO-251 (V-Pak/I-Pak)	Supplier Device Package	TO-251 (V-Pak/I-Pak)
Report errors?		Report errors?

S2010V 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.

S2010V Payment Methods



















S2010V Shipping Methods













If you have any question about S2010V, please do not hesitate to contact us!

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