

TN5050H-12WY Information


For Reference Only

Part Number [TN5050H-12WY](#)
Manufacturer STMicroelectronics
Category Discrete Semiconductor Products
[Thyristors - SCRs](#)
Description SCR 50A 1200V AUTO TO247
Package TO-247-3
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


[Request a Quote](#)
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.


TN5050H-12WY Specifications

Manufacturer Part Number	TN5050H-12WY
Manufacturer	STMicroelectronics
Category	Discrete Semiconductor Products Thyristors - SCRs
Package	TO-247-3
Series	-
Voltage - Off State	1200V
Voltage - Gate Trigger (Vgt) (Max)	1V
Current - Gate Trigger (Igt) (Max)	50mA
Voltage - On State (Vtm) (Max)	1.55V
Current - On State (It (AV)) (Max)	51A
Current - On State (It (RMS)) (Max)	80A
Current - Hold (Ih) (Max)	100mA
Current - Off State (Max)	5µA
Current - Non Rep. Surge 50, 60Hz (Itsm)	580A, 633A
SCR Type	Standard Recovery
Operating Temperature	-40°C ~ 150°C
Mounting Type	Through Hole
Package / Case	TO-247-3
Supplier Device Package	TO-247-3

[Report errors?](#)

TN5050H-12WY 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.

TN5050H-12WY Payment Methods



TN5050H-12WY Shipping Methods



If you have any question about TN5050H-12WY, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: salesdept@heisener.com