

**VS-181RKI80 Information**


For Reference Only

**Part Number** VS-181RKI80  
**Manufacturer** Vishay Semiconductor Diodes Division  
**Category** Discrete Semiconductor Products  
     [Thyristors - SCRs](#)  
**Description** SCR 800V 285A TO-93  
**Package** TO-209AB, TO-93-4, Stud  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto: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.


**VS-181RKI80 Specifications**

Manufacturer Part Number	VS-181RKI80
Manufacturer	Vishay Semiconductor Diodes Division
Category	Discrete Semiconductor Products <a href="#">Thyristors - SCRs</a>
Package	TO-209AB, TO-93-4, Stud
Series	-
Voltage - Off State	800V
Voltage - Gate Trigger (Vgt) (Max)	2.5V
Current - Gate Trigger (Igt) (Max)	150mA
Voltage - On State (Vtm) (Max)	1.35V
Current - On State (It (AV)) (Max)	180A
Current - On State (It (RMS)) (Max)	285A
Current - Hold (Ih) (Max)	600mA
Current - Off State (Max)	30mA
Current - Non Rep. Surge 50, 60Hz (Itsm)	3500A, 3660A
SCR Type	Standard Recovery
Operating Temperature	-40°C ~ 125°C
Mounting Type	Chassis, Stud Mount
Package / Case	TO-209AB, TO-93-4, Stud
Supplier Device Package	TO-209AB (TO-93)

[Report errors?](#)

## VS-181RKI80 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.

## VS-181RKI80 Payment Methods



## VS-181RKI80 Shipping Methods



If you have any question about VS-181RKI80, please do not hesitate to contact us!

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