

**S1ALHMHG Information**


For Reference Only

**Part Number** [S1ALHMHG](#)  
**Manufacturer** TSC America Inc.  
**Category** Discrete Semiconductor Products  
                   [Diodes - Rectifiers - Single](#)  
**Description** DIODE, 1A, 50V, AEC-Q101, SUB SM  
**Package** DO-219AB  
 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.


**S1ALHMHG Specifications**

Manufacturer Part Number	<a href="#">S1ALHMHG</a>
Manufacturer	TSC America Inc.
Category	Discrete Semiconductor Products <a href="#">Diodes - Rectifiers - Single</a>
Package	DO-219AB
Series	Automotive, AEC-Q101
Diode Type	Standard
Voltage - DC Reverse (Vr) (Max)	50V
Current - Average Rectified (Io)	1A
Voltage - Forward (Vf) (Max) @ If	1.1V @ 1A
Speed	Standard Recovery >500ns, > 200mA (Io)
Reverse Recovery Time (trr)	1.8µs
Current - Reverse Leakage @ Vr	5µA @ 50V
Capacitance @ Vr, F	9pF @ 4V, 1MHz
Mounting Type	Surface Mount
Package / Case	DO-219AB
Supplier Device Package	Sub SMA
Operating Temperature - Junction	-55°C ~ 175°C

[Report errors?](#)

## S1ALHMHG 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.

## S1ALHMHG Payment Methods



## S1ALHMHG Shipping Methods



If you have any question about S1ALHMHG, please do not hesitate to contact us!

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

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)