

**1KSMB82CAHR5G Information**


For Reference Only

**Part Number** [1KSMB82CAHR5G](#)  
**Manufacturer** TSC America Inc.  
**Category** Circuit Protection  
[TVS - Diodes](#)  
**Description** DIODE, TVS, BIDIRECTIONAL, 1000W  
**Package** DO-214AA, SMB  
 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.


**1KSMB82CAHR5G Specifications**

Manufacturer Part Number	<a href="#">1KSMB82CAHR5G</a>
Manufacturer	TSC America Inc.
Category	Circuit Protection <a href="#">TVS - Diodes</a>
Package	DO-214AA, SMB
Series	Automotive, AEC-Q101, 1KSMB
Type	Zener
Unidirectional Channels	-
Bidirectional Channels	1
Voltage - Reverse Standoff (Typ)	70.1V
Voltage - Breakdown (Min)	77.9V
Voltage - Clamping (Max) @ Ipp	113V
Current - Peak Pulse (10/1000µs)	8.8A
Power - Peak Pulse	1000W (1kW)
Power Line Protection	No
Applications	Automotive
Capacitance @ Frequency	-
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Package / Case	DO-214AA, SMB
Supplier Device Package	DO-214AA (SMB)

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## 1KSMB82CAHR5G 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.

## 1KSMB82CAHR5G Payment Methods



## 1KSMB82CAHR5G Shipping Methods



If you have any question about 1KSMB82CAHR5G, please do not hesitate to contact us!

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