

1KSMB51CAHR5G Information


For Reference Only

Part Number [1KSMB51CAHR5G](#)
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


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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.


1KSMB51CAHR5G Specifications

Manufacturer Part Number	1KSMB51CAHR5G
Manufacturer	TSC America Inc.
Category	Circuit Protection TVS - Diodes
Package	DO-214AA, SMB
Series	Automotive, AEC-Q101, 1KSMB
Type	Zener
Unidirectional Channels	-
Bidirectional Channels	1
Voltage - Reverse Standoff (Typ)	43.6V
Voltage - Breakdown (Min)	48.5V
Voltage - Clamping (Max) @ Ipp	70.1V
Current - Peak Pulse (10/1000µs)	14.3A
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)

[Report errors?](#)

1KSMB51CAHR5G 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.

1KSMB51CAHR5G Payment Methods



1KSMB51CAHR5G Shipping Methods



If you have any question about 1KSMB51CAHR5G, please do not hesitate to contact us!

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