

SM12-7 Information


For Reference Only

Part Number [SM12-7](#)
Manufacturer Diodes Incorporated
Category Circuit Protection
[TVS - Diodes](#)
Description TVS DIODE 12VWM 19VC SOT23
Package TO-236-3, SC-59, SOT-23-3
 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.


SM12-7 Specifications

Manufacturer Part Number	SM12-7
Manufacturer	Diodes Incorporated
Category	Circuit Protection TVS - Diodes
Package	TO-236-3, SC-59, SOT-23-3
Series	Automotive, AEC-Q101
Type	Zener
Unidirectional Channels	2
Bidirectional Channels	-
Voltage - Reverse Standoff (Typ)	12V (Max)
Voltage - Breakdown (Min)	13.3V
Voltage - Clamping (Max) @ Ipp	19V
Current - Peak Pulse (10/1000µs)	1A (8/20µs)
Power - Peak Pulse	300W
Power Line Protection	No
Applications	Automotive
Capacitance @ Frequency	95pF @ 1MHz
Operating Temperature	-65°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Package / Case	TO-236-3, SC-59, SOT-23-3
Supplier Device Package	SOT-23

[Report errors?](#)

SM12-7 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.

SM12-7 Payment Methods



SM12-7 Shipping Methods



If you have any question about SM12-7, please do not hesitate to contact us!

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

E-mail: salesdept@heisener.com