

**ESD5Z12T1G Information**


For Reference Only

**Part Number** [ESD5Z12T1G](#)  
**Manufacturer** ON Semiconductor  
**Category** Circuit Protection  
[TVS - Diodes](#)  
**Description** TVS DIODE 12VWM 25VC SOD523  
**Package** SC-79, SOD-523  
 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.


**ESD5Z12T1G Specifications**

Manufacturer Part Number	<a href="#">ESD5Z12T1G</a>
Manufacturer	ON Semiconductor
Category	Circuit Protection <a href="#">TVS - Diodes</a>
Package	SC-79, SOD-523
Series	Automotive, AEC-Q101
Type	Zener
Unidirectional Channels	1
Bidirectional Channels	-
Voltage - Reverse Standoff (Typ)	12V (Max)
Voltage - Breakdown (Min)	14.1V
Voltage - Clamping (Max) @ Ipp	25V
Current - Peak Pulse (10/1000µs)	9.6A (8/20µs)
Power - Peak Pulse	240W
Power Line Protection	No
Applications	Automotive
Capacitance @ Frequency	55pF @ 1MHz
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Package / Case	SC-79, SOD-523
Supplier Device Package	SOD-523

[Report errors?](#)

## ESD5Z12T1G 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.

## ESD5Z12T1G Payment Methods



## ESD5Z12T1G Shipping Methods



If you have any question about ESD5Z12T1G, please do not hesitate to contact us!

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

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