

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


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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.


ESD5Z12T1G Specifications

Manufacturer Part Number	ESD5Z12T1G
Manufacturer	ON Semiconductor
Category	Circuit Protection
	TVS - Diodes
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!

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