

**PESD5V0L1ULD,315 Information**


For Reference Only

**Part Number** [PESD5V0L1ULD,315](#)  
**Manufacturer** Nexperia USA Inc.  
**Category** Circuit Protection  
[TVS - Diodes](#)  
**Description** TVS DIODE 5VWM 12VC SOD882  
**Package** 2-XDFN  
 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.


**PESD5V0L1ULD,315 Specifications**

Manufacturer Part Number	<a href="#">PESD5V0L1ULD,315</a>
Manufacturer	Nexperia USA Inc.
Category	Circuit Protection
	<a href="#">TVS - Diodes</a>
Package	2-XDFN
Series	Automotive, AEC-Q101
Type	Zener
Unidirectional Channels	1
Bidirectional Channels	-
Voltage - Reverse Standoff (Typ)	5V (Max)
Voltage - Breakdown (Min)	6.4V
Voltage - Clamping (Max) @ Ipp	12V
Current - Peak Pulse (10/1000µs)	3.5A (8/20µs)
Power - Peak Pulse	42W
Power Line Protection	No
Applications	Automotive
Capacitance @ Frequency	25pF @ 1MHz
Operating Temperature	-55°C ~ 150°C (TA)
Mounting Type	Surface Mount
Package / Case	2-XDFN
Supplier Device Package	2-DFN1006D (0.6x1.0)

[Report errors?](#)

## PESD5V0L1ULD,315 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.

## PESD5V0L1ULD,315 Payment Methods



## PESD5V0L1ULD,315 Shipping Methods



If you have any question about PESD5V0L1ULD,315, please do not hesitate to contact us!

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