

**UCLAMP0501Z.TNT Information**


For Reference Only

**Part Number** [UCLAMP0501Z.TNT](#)  
**Manufacturer** Semtech Corporation  
**Category** Circuit Protection  
     [TVS - Diodes](#)  
**Description** TVS DIODE 5VWM 12VC  
**Package** 2-XFDFN  
 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.


**UCLAMP0501Z.TNT Specifications**

Manufacturer Part Number	<a href="#">UCLAMP0501Z.TNT</a>
Manufacturer	Semtech Corporation
Category	Circuit Protection <a href="#">TVS - Diodes</a>
Package	2-XFDFN
Series	uClamp?
Type	Zener
Unidirectional Channels	1
Bidirectional Channels	-
Voltage - Reverse Standoff (Typ)	5V (Max)
Voltage - Breakdown (Min)	6V
Voltage - Clamping (Max) @ Ipp	12V
Current - Peak Pulse (10/1000µs)	1A (8/20µs)
Power - Peak Pulse	-
Power Line Protection	No
Applications	General Purpose
Capacitance @ Frequency	10pF @ 1MHz
Operating Temperature	-55°C ~ 125°C (TJ)
Mounting Type	Surface Mount
Package / Case	2-XFDFN
Supplier Device Package	SLP0603P2X3

[Report errors?](#)

## UCLAMP0501Z.TNT 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.

## UCLAMP0501Z.TNT Payment Methods



## UCLAMP0501Z.TNT Shipping Methods



If you have any question about UCLAMP0501Z.TNT, please do not hesitate to contact us!

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