

**12TTS08S Information**


For Reference Only

**Part Number** 12TTS08S  
**Manufacturer** Vishay Semiconductor Diodes Division  
**Category** Discrete Semiconductor Products  
[Thyristors - SCRs](#)  
**Description** SCR PHASE CNTRL 800V 12A SMD-220  
**Package** TO-263-3, D2Pak (2 Leads + Tab), TO-263AB  
 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.


**12TTS08S Specifications**

Manufacturer Part Number	12TTS08S
Manufacturer	Vishay Semiconductor Diodes Division
Category	Discrete Semiconductor Products <a href="#">Thyristors - SCRs</a>
Package	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB
Series	-
Voltage - Off State	800V
Voltage - Gate Trigger (Vgt) (Max)	1V
Current - Gate Trigger (Igt) (Max)	15mA
Voltage - On State (Vtm) (Max)	1.2V
Current - On State (It (AV)) (Max)	8A
Current - On State (It (RMS)) (Max)	12.5A
Current - Hold (Ih) (Max)	30mA
Current - Off State (Max)	500µA
Current - Non Rep. Surge 50, 60Hz (Itsm)	140A @ 50Hz
SCR Type	Standard Recovery
Operating Temperature	-40°C ~ 125°C
Mounting Type	Surface Mount
Package / Case	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB
Supplier Device Package	D2PAK
	<a href="#">Report errors?</a>

## 12TTS08S 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.

## 12TTS08S Payment Methods



## 12TTS08S Shipping Methods



If you have any question about 12TTS08S, please do not hesitate to contact us!

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

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