

**TPSMB10A-1BHE3/5BT Information**


For Reference Only

**Part Number** [TPSMB10A-1BHE3/5BT](#)  
**Manufacturer** Vishay Semiconductor Diodes Division  
**Category** Circuit Protection  
[TVS - Diodes](#)  
**Description** TVS DIODE 14.5VC 41.4A DO214AA  
**Package** DO-214AA, SMB  
 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.


**TPSMB10A-1BHE3/5BT Specifications**

|                                  |                                      |
|----------------------------------|--------------------------------------|
| Manufacturer Part Number         | <a href="#">TPSMB10A-1BHE3/5BT</a>   |
| Manufacturer                     | Vishay Semiconductor Diodes Division |
| Category                         | Circuit Protection                   |
|                                  | <a href="#">TVS - Diodes</a>         |
| Package                          | DO-214AA, SMB                        |
| Series                           | Automotive, AEC-Q101, PAR?           |
| Type                             | Zener                                |
| Unidirectional Channels          | 1                                    |
| Bidirectional Channels           | -                                    |
| Voltage - Reverse Standoff (Typ) | 8.55V                                |
| Voltage - Breakdown (Min)        | 9.5V                                 |
| Voltage - Clamping (Max) @ Ipp   | 14.5V                                |
| Current - Peak Pulse (10/1000µs) | 41.4A                                |
| Power - Peak Pulse               | 600W                                 |
| Power Line Protection            | No                                   |
| Applications                     | Automotive                           |
| Capacitance @ Frequency          | -                                    |
| Operating Temperature            | -65°C ~ 185°C (TJ)                   |
| Mounting Type                    | Surface Mount                        |
| Package / Case                   | DO-214AA, SMB                        |
| Supplier Device Package          | DO-214AA (SMB)                       |

[Report errors?](#)

## TPSMB10A-1BHE3/5BT 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.

## TPSMB10A-1BHE3/5BT Payment Methods



## TPSMB10A-1BHE3/5BT Shipping Methods



If you have any question about TPSMB10A-1BHE3/5BT, please do not hesitate to contact us!

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