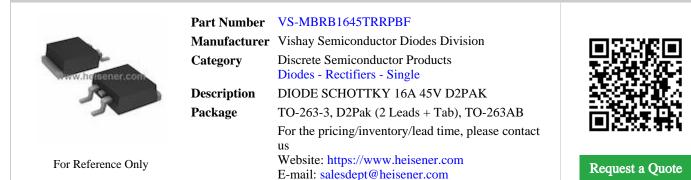


# **VS-MBRB1645TRRPBF**

### **VS-MBRB1645TRRPBF Information**



## **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.



# **VS-MBRB1645TRRPBF** Specifications

| Manufacturer Part Number          | VS-MBRB1645TRRPBF                         |
|-----------------------------------|---|
| Manufacturer                      | Vishay Semiconductor Diodes Division      |
| Category                          | Discrete Semiconductor Products           |
|                                   | Diodes - Rectifiers - Single              |
| Package                           | TO-263-3, D2Pak (2 Leads + Tab), TO-263AB |
| Series                            | Automotive, AEC-Q101                      |
| Diode Type                        | Schottky                                  |
| Voltage - DC Reverse (Vr) (Max)   | 45V                                       |
| Current - Average Rectified (Io)  | 16A                                       |
| Voltage - Forward (Vf) (Max) @ If | 630mV @ 16A                               |
| Speed                             | Fast Recovery =< 500ns, > 200mA (Io)      |
| Reverse Recovery Time (trr)       | -   |
| Current - Reverse Leakage @ Vr    | 200µA @ 45V                               |
| Capacitance @ Vr, F               | 1400pF @ 5V, 1MHz                         |
| Mounting Type                     | Surface Mount                             |
| Package / Case                    | TO-263-3, D2Pak (2 Leads + Tab), TO-263AB |
| Supplier Device Package           | TO-263AB (D2PAK)                          |
| Operating Temperature - Junction  | -65°C ~ 150°C                             |
|                                   | Report errors                             |

## **VS-MBRB1645TRRPBF** 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.

DISCOVER

# VS-MBRB1645TRRPBF Payment Methods





If you have any question about VS-MBRB1645TRRPBF, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com