

# VB20120S-E3/4W

#### VB20120S-E3/4W Information

| www.heisener.com   | Part Number<br>Manufacturer<br>Category<br>Description<br>Package | VB20120S-E3/4W<br>Vishay Semiconductor Diodes Division<br>Discrete Semiconductor Products<br>Diodes - Rectifiers - Single<br>DIODE SCHOTTKY 120V 20A TO263AB<br>TO-263-3, D2Pak (2 Leads + Tab), TO-263AB<br>For the pricing/inventory/lead time, please contact |                 |
|--------------------|-------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| For Reference Only |                                                                   | us<br>Website: https://www.heisener.com<br>E-mail: 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.



## VB20120S-E3/4W Specifications

| Manufacturer Part Number          | VB20120S-E3/4W                                 |
|-----------------------------------|------------------------------------------------|
| Manufacturer                      | Vishay Semiconductor Diodes Division           |
| Category                          | Discrete Semiconductor Products                |
|                                   | Diodes - Rectifiers - Single                   |
| Package                           | TO-263-3, D2Pak (2 Leads + Tab), TO-263AB      |
| Series                            | TMBS?                                          |
| Diode Type                        | Schottky                                       |
| Voltage - DC Reverse (Vr) (Max)   | 120V                                           |
| Current - Average Rectified (Io)  | 20A                                            |
| Voltage - Forward (Vf) (Max) @ If | 1.12V @ 20A                                    |
| Speed                             | Fast Recovery =< 500ns, > 200mA (Io)           |
| Reverse Recovery Time (trr)       | -                                              |
| Current - Reverse Leakage @ Vr    | 300µA @ 120V                                   |
| Capacitance @ Vr, F               | -                                              |
| Mounting Type                     | Surface Mount                                  |
| Package / Case                    | TO-263-3, D2Pak (2 Leads + Tab), TO-263AB      |
| Supplier Device Package           | TO-263AB                                       |
| Operating Temperature - Junction  | $-40^{\circ}\text{C} \sim 150^{\circ}\text{C}$ |
|                                   | Report errors?                                 |

#### VB20120S-E3/4W 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 UARANTEE

#### **Service Guarantees**

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

# VB20120S-E3/4W Payment Methods





If you have any question about VB20120S-E3/4W, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com