

S12BR

## **S12BR Information**

|        |    |   | 10  |    |   |     |  |
|--------|----|---|-----|----|---|-----|--|
|        | 5  | н | CH. | se | n | 21. |  |
| 6 N. A | 69 |   |     |    |   |     |  |

| Part Number  | S12BR  |
|--------------|--|
| Manufacturer | GeneSiC Semiconductor  |
| Category     | Discrete Semiconductor Products<br>Diodes - Rectifiers - Single  |
| Description  | DIODE GEN PURP REV 100V 12A DO4  |
| Package      | DO-203AA, DO-4, Stud   |
|              | For the pricing/inventory/lead time, please contact<br>us<br>Website: https://www.heisener.com<br>E-mail: salesdept@heisener.com |



Request a Quote

For Reference Only

## **Certified Quality**

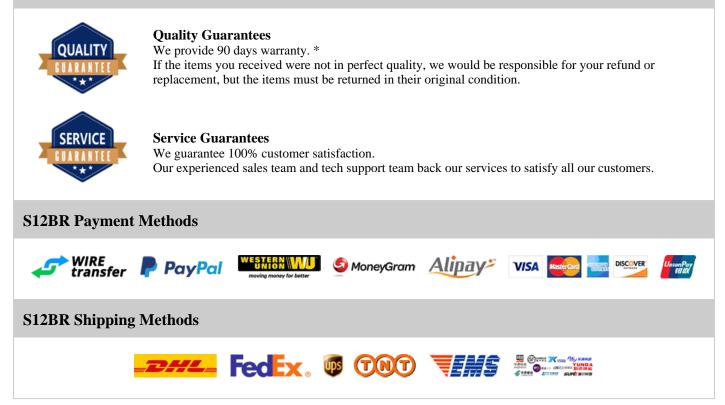
Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



## **S12BR Specifications**

| Manufacturer Part Number          | S12BR                                  |
|-----------------------------------|--|
| Manufacturer                      | GeneSiC Semiconductor                  |
| Category                          | Discrete Semiconductor Products        |
|                                   | Diodes - Rectifiers - Single           |
| Package                           | DO-203AA, DO-4, Stud                   |
| Series                            | -                                      |
| Diode Type                        | Standard, Reverse Polarity             |
| Voltage - DC Reverse (Vr) (Max)   | 100V                                   |
| Current - Average Rectified (Io)  | 12A                                    |
| Voltage - Forward (Vf) (Max) @ If | 1.1V @ 12A                             |
| Speed                             | Standard Recovery >500ns, > 200mA (Io) |
| Reverse Recovery Time (trr)       | -                                      |
| Current - Reverse Leakage @ Vr    | 10µA @ 50V                             |
| Capacitance @ Vr, F               | -                                      |
| Mounting Type                     | Chassis, Stud Mount                    |
| Package / Case                    | DO-203AA, DO-4, Stud                   |
| Supplier Device Package           | DO-4                                   |
| Operating Temperature - Junction  | -65°C ~ 175°C                          |
|                                   | Report errors?                         |

## **S12BR Guarantees**



If you have any question about S12BR, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com