




|   |                                       |  |
|---|---------------------------------------|--|
|  | <h2 style="color: red;">SCFS6000</h2> |  |
|   | <b>Manufacturer Part Number:</b>      | <a href="#">SCFS6000</a>   |
|  | <b>Manufacturer/Brand:</b>            | <a href="#">Semtech</a>  |
|   | <b>Part of Description:</b>           | DIODE GEN PURP 6KV 500MA AXIAL   |
|   | <b>Datasheets:</b>                    |  <a href="#">SCFS6000.pdf</a> |
|   | <b>RoHs Status:</b>                   | Contains lead / RoHS non-compliant   |
|   | <b>Stock Condition:</b>               | New original, Stock Available.   |
|   | <b>Ship From:</b>                     | Hong Kong  |
| Image may be representation.<br>See specs for product details.                    | <b>Shipment Way:</b>                  | DHL/Fedex/TNT/UPS/EMS  |









### Specifications

|                                   |   |
|-----------------------------------|---|
| Part Number                       | SCFS6000  |
| Manufacturer                      | Semtech   |
| Description                       | DIODE GEN PURP 6KV 500MA AXIAL                          |
| Category                          | Discrete Semiconductor Products > Diodes - Rectifiers - |
| Part Status                       | Require For Quote & Check Stock                         |
| Voltage - Forward (Vf) (Max) @ If | 12.6V @ 3A  |
| Voltage - DC Reverse (Vr) (Max)   | 6000V (6kV)   |
| Supplier Device Package           | -   |
| Speed                             | Fast Recovery = 200mA (Io)                              |
| Series                            | -   |
| Reverse Recovery Time (trr)       | 150ns   |
| Packaging                         | Bulk  |
| Package / Case                    | Axial   |
| Operating Temperature - Junction  | -55°C ~ 150°C   |
| Mounting Type                     | Through Hole  |
| Diode Type                        | Standard  |
| Current - Reverse Leakage @ Vr    | 1µA @ 5000V   |
| Current - Average Rectified (Io)  | 500mA   |
| Capacitance @ Vr, F               | -   |

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### You May Be Also Be interested

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|--|---|---|---|
| <p>In:</p>  <p><b>SCFS8000</b><br/>Semtech Corporation<br/>DIODE GEN PURP 8KV 500MA<br/>AXIAL</p> |  <p><b>SCFS15000</b><br/>Semtech Corporation<br/>ASSY RECT 2A 15KV FAST REC</p>        |  <p><b>SCFS12500</b><br/>Semtech Corporation<br/>ASSY RECT 2A 12.5KV FAST REC</p>       |  <p><b>SCFS8000</b><br/>Semtech Corporation<br/>DIODE GEN PURP 8KV 500MA<br/>AXIAL</p> |
|  <p><b>SCFS12500</b><br/>Semtech Corporation<br/>ASSY RECT 2A 12.5KV FAST REC</p>                 |  <p><b>SCFS5000</b><br/>Semtech Corporation<br/>DIODE GEN PURP 5KV 500MA<br/>AXIAL</p> |  <p><b>SCFS12000</b><br/>Semtech Corporation<br/>DIODE GEN PURP 12KV 1.5A<br/>AXIAL</p> |  <p><b>SCFS2000</b><br/>Semtech Corporation<br/>DIODE GEN PURP 2KV 1.5A<br/>AXIAL</p>  |

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