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|  | <p><b>X0202NUF</b></p>   |
|   | <p><b>Manufacturer Part Number:</b> X0202NUF</p> <hr/> <p><b>Manufacturer/Brand:</b> STMicroelectronics</p> <hr/> <p><b>Part of Description:</b> SCR 1.25A 800V SMBFLAT-3L</p> <hr/> <p><b>Datasheets:</b>  <a href="#">X0202NUF.pdf</a></p> <hr/> <p><b>RoHs Status:</b>  Lead free / RoHS</p> <hr/> <p><b>Stock Condition:</b> Compliant<br/>New original, Stock Available.</p> <hr/> <p><b>Ship From:</b> Hong Kong</p> <hr/> <p><b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS</p> |
| <p>Image may be representation.<br/>See specs for product details.</p>            |  |

### Specifications

|   |   |
|---|---|
| Part Number   | X0202NUF  |
| Manufacturer  | STMicroelectronics                                  |
| Description   | SCR 1.25A 800V SMBFLAT-3L                           |
| Category  | Discrete Semiconductor Products > Thyristors - SCRs |
| Part Status   | Require For Quote & Check Stock                     |
| Voltage - On State (Vtm) (Max)                        | 1.45V   |
| Voltage - Off State                                   | 800V  |
| Voltage - Gate Trigger (Vgt) (Max)                    | 800mV   |
| Supplier Device Package                               | SMBflat-3L  |
| Series  | -   |
| SCR Type  | Sensitive Gate                                      |
| Packaging   | Tape & Reel (TR)                                    |
| Package / Case  | 3-SMB, Flat Lead                                    |
| Operating Temperature                                 | -40°C ~ 125°C                                       |
| Mounting Type   | Surface Mount                                       |
| Current - On State (It (RMS)) (Max)                   | 1.25A   |
| Current - On State (It (AV)) (Max)                    | 800mA   |
| Current - Off State (Max)                             | 5µA   |
| Current - Non Rep. Surge 50, 60Hz (I <sub>tsm</sub> ) | 22.5A, 25A  |
| Current - Hold (I <sub>h</sub> ) (Max)                | 5mA   |
| Current - Gate Trigger (I <sub>gt</sub> ) (Max)       | 200µA   |

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ADD: Unit A5-B5 No.509, 5/F Sing Win Factory Building, 15-17 Shing yip St, Kwun Tong, Kowloon, HongKong.

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