

Note: This datasheet may be out of date.

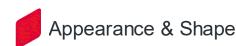
Please download the latest datasheet of NXJ1S1212MC from the official website of Murata Manufacturing Co.,

## **NXJ1S1212MC**













12V 83mA, Isolated 1W Input Single Output DC-DC Converter 4.2kVDC, 10.8-13.2V Input

1 of 2

### Attention

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering. 2.This datasheet has only typical specifications because there is no space for detailed specifications.

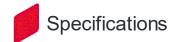
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.



Note: This datasheet may be out of date.

Please download the latest datasheet of NXJ1S1212MC from the official website of Murata Manufacturing Co.,

# **NXJ1S1212MC**



| Output power(W)Max         | 1W   |
|----------------------------|--|
| Vin(V)                     | 10.8V to 13.2V                                   |
| Vin(V)typ                  | 12V  |
| Vout(V)                    | 12V  |
| Vout(V)typ                 | 12V  |
| LineRegulation(%)          | -1.2% to 1.2%                                    |
| LoadRegulation(%)          | 8.5%   |
| Isolation Voltage(V)       | 4200V  |
| Efficiency(%)              | 71%  |
| Size(mm)W                  | 10.46mm  |
| Size(mm)L                  | 13.72mm  |
| Size(mm)T                  | 4.16mm   |
| Operatingtemperature(degC) | -40°C to 85°C                                    |
| Outputs(#)                 | 1  |
| lout(A)Max                 | 0.083A   |
| Package                    | SMD  |
| Productseries              | NXJ  |
| Product Series Features    | Isolated 1W Single Output SM<br>DC-DC Converters |
| Regulation                 | Unregulated                                      |
| Safety Approval            | UL60950,ANSI/AAMIES60601-1                       |
| Brand                      | MPS  |

2 of 2

### Attention

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering. 2.This datasheet has only typical specifications because there is no space for detailed specifications.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

