

Product Search Data Sheet

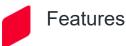
## IRE-12/10-Q12PF-C

In Production

Recommended RoHS

#### Applications

| Unsuitable   | Please be sure to read and comply with     |
|--------------|--|
| Applications | these "Precautions for use."               |
|              | Consumer equipment,Industrial              |
|              | Equipment                                  |
|              | Please refer to Our Website and            |
|              | specifications, etc. for information about |
| Specific     | the performance, functions, quality,       |
| Applications | management, and safety required for        |
|              | the above applications, and use            |
|              | Products after confirming the              |
|              | performance and reliability of the actual  |
|              | Product.                                   |



Single Output, 12Vout@ 10A, 9-36Vin, Positive logic, Flanged Baseplate

# Appearance & Shape



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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Note: This datasheet may be out of date.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 IRE-12/10-Q12PF-C from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=IRE-12%2f10-Q12PF-C



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### Specifications

| Output power (W)Max        | 120W   |
|----------------------------|--|
| Vin(V)                     | 9V to 36V                                    |
| Vin(V)typ                  | 12V  |
| Vout(V)                    | 12V  |
| Vout(V)typ                 | 12V  |
| LineRegulation (%)         | -0.3% to 0.3%                                |
| LoadRegulation (%)         | -0.3% to 0.3%                                |
| Isolation Voltage (V)      | 2828V  |
| Efficiency (%)             | 92%  |
| Size(mm)W                  | 61.2mm                                       |
| Size(mm)L                  | 25.7mm                                       |
| Size(mm)T                  | 12.7mm                                       |
| Operatingtemperature(degC) | -40°C to 85°C                                |
| Outputs (#)                | 1  |
| lout(A)Max                 | 10A  |
| Form                       | 1/8 Brick                                    |
| Package                    | DIP  |
| Productseries              | IRE  |
| Product Series Features    | Encapsulated Eighth-Brick<br>DOSA-Compatible |
| Brand                      | Murata Power Solutions                       |

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