

# 782100/53VC



## Applications

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

## Appearance & Shape



**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.

# 782100/53VC



## Specifications

|                       |   |
|-----------------------|---|
| Target IC             | PE22100   |
| Type                  | Converter Transformer   |
| Height (inch)         | 0.25inch  |
| Height (mm)           | 6.35mm  |
| Width (mm)            | 9.77mm  |
| Depth (mm)            | 9.14mm  |
| Mounting Option       | Through Hole  |
| Turns Ratio (Pri)     | 1.14CT  |
| Turns Ratio (Sec)     | 1CT   |
| Turns Ratio           | 1.14CT to 1CT   |
| Isolation Voltage (V) | 4000Vrms  |
| Packaging style       | Tube  |
| Package weight (g)    | 1.1g  |
| Package Qty.          | 50  |
| Short Description     | The 782100 series of converter transformers are specifically designed for use with the pSemi PE22100 chip set to provide isolated power supplies for transceivers in isolated interface applications. |
| Description           | The 782100 series of converter transformers are specifically designed for use with the pSemi PE22100 chip set to provide isolated power supplies for transceivers in isolated interface applications. |
| Series                | 782100  |
| Series Headline       | PE22100 Compatible Converter Transformers   |

|                    |   |
|--------------------|---|
| Series Description | The 782100 series of converter transformers are specifically designed for use with the Peregrine Semiconductor PE22100 chip set to provide isolated power supplies for transceivers in isolated interface applications. |
|--------------------|---|

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