

# 78601/1JC

In Production

RoHS

## 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.

# 78601/1JC



## Specifications

|                                    |                                                                 |
|------------------------------------|-----------------------------------------------------------------|
| Height (inch)                      | 0.25inch                                                        |
| Height (mm)                        | 6.35mm                                                          |
| Width (mm)                         | 12.7mm                                                          |
| Depth (mm)                         | 9mm                                                             |
| Mounting Option                    | Surface Mount                                                   |
| Turns Ratio (Pri)                  | 1                                                               |
| Turns Ratio (Sec)                  | 1                                                               |
| Turns Ratio                        | 1 to 1                                                          |
| Primary Inductance Min. (μH)       | 2000μH                                                          |
| Primary Constant, ET Min (Vμs)     | 20Vμs                                                           |
| Leakage Inductance Typ. (μH)       | 0.47μH                                                          |
| Primary DC Resistance Max. (Ω)     | 0.6Ω                                                            |
| Interwinding Capacitance Typ. (pF) | 49pF                                                            |
| Isolation Voltage (V)              | 1000Vrms                                                        |
| Packaging style                    | Tube                                                            |
| Package weight (g)                 | 1.1g                                                            |
| Package Qty.                       | 50                                                              |
| Short Description                  | The 786J series surface mount general purpose pulse transformer |
| Description                        | The 786J series surface mount general purpose pulse transformer |
| Series                             | 786J                                                            |
| Series Headline                    | Surface Mount General Purpose Pulse Transformers                |

|                    |                                                                                                                                                                                                                                                                                                                                     |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Series Description | The 786J series is a comprehensive range of general purpose pulse transformers. Common applications include line coupling, matching or isolating. The devices can also be used in small isolated power supplies and also as commonmode chokes in filtering applications. For through hole variants please see 786 Series datasheet. |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### 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.