

Versatile Planar Transformer



KEY BENEFITS

- Versatile: the end-user configures the transformer by using software supplied by Vishay
- Frequency range: 50 kHz to 400 kHz
- High power up to 220 W
- SMD version available
- Design kit available

APPLICATIONS

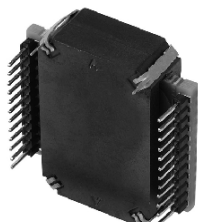
- Avionics
- Military
- Medical systems

RESOURCES

- Datasheet: PLAC 100 - <http://www.vishay.com/doc?59054>
- For technical questions contact sfer@vishay.com



Versatile Planar Transformer



FEATURES

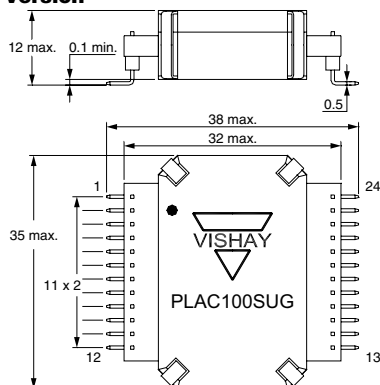
- Patent № 99 00241
- Designed for switch mode power supply applications (transformer and choke inductor)
- End user configures the transformer by using a software supplied
- Frequency range: 50 kHz to 400 kHz
- Suitable for surface mount or through hole
- UL94V0 material
- High power up to 220 W
- Operating temperature: - 55 °C to + 125 °C
- Compliant to RoHS directive 2002/95/EC



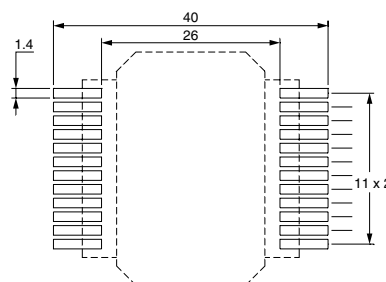
RoHS
COMPLIANT

DIMENSIONS in millimeters (± 0.5)

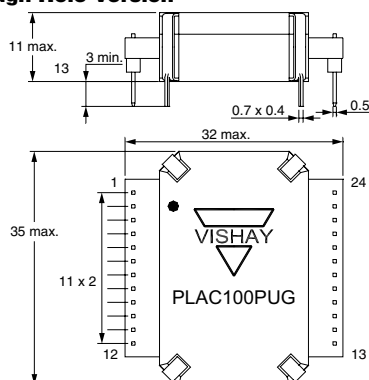
SMD Version



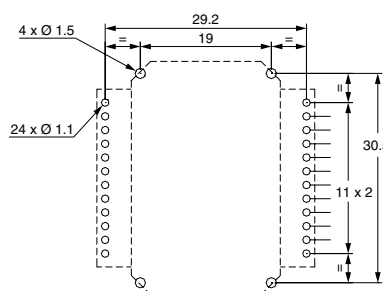
Recommended PCB Layout
Weight: 35 g



Through Hole Version



Recommended PCB Layout
Weight: 35 g



Revision 18-Jun-09



FEATURES OF SOFTWARE

- Interactive
- Directly executable
- Compatible with all versions of WINDOWS
- Available on USB key
- English and French languages
- Designed solutions on PDF format
- Kit includes
 - Software in USB key
 - One part of each type (through hole)
 - 12 female headers

HARDWARE REQUIREMENTS

- PC compatible, WINDOWS 2000, XP and VISTA
- Minimum processor Intel P3 or equivalent
- RAM 128 Mo minimum
- Screen resolution 1024 x 768 minimum
- Directly executable, no installation required