

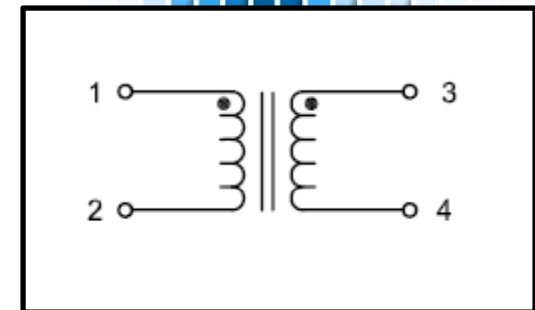
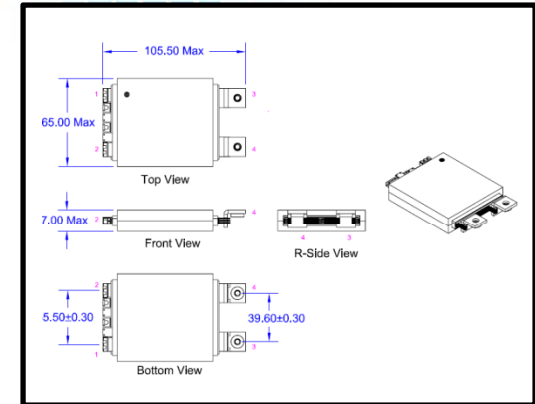


## Description

PT094172 is a full bridge planar transformer with a power rating up to 1800W. It is PPAP Level 3 capable and RoHS/REACH compliant. It can be used for applications in automotive, telecom, etc. PT094172 or a similar part can be customized to meet your specific needs. If required, please see the Custom Request section.

## Application

PT094172 offers a planar package that is highly efficient, low-profile, and small foot print. It can serve as an excellent solution to power problems that require greater power in a smaller physical package.



## Transformer Characteristics

Operating Frequency	100 KHz
Primary/Leakage Inductance	200 $\mu$ H Min / 5.0 $\mu$ H Max
Input Voltage	190V Min - 350V Max
Output Voltage	13V Min, 14V Nom, 15V Max
Power Output	1800W
Rated Secondary Current	130A Nom
RDC	(1-2) 22 m $\Omega$ Max (3-4) 0.11 m $\Omega$ Max
Turns Ratio	(1-2):(3-4) = 5.0:1.0