

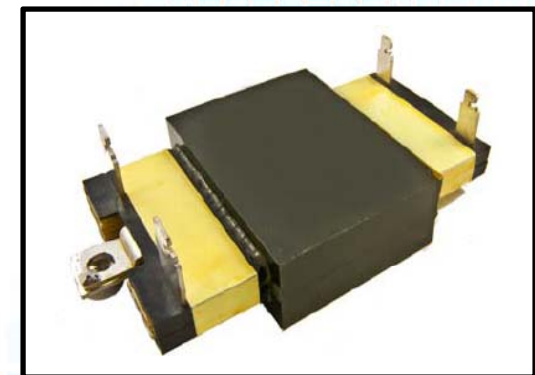
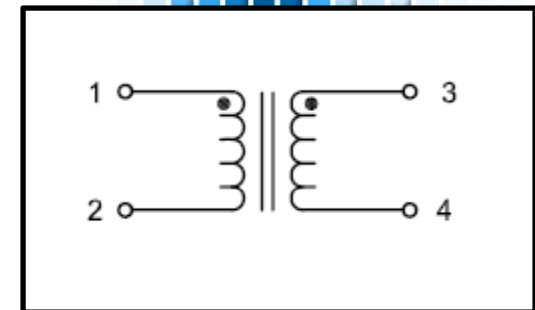
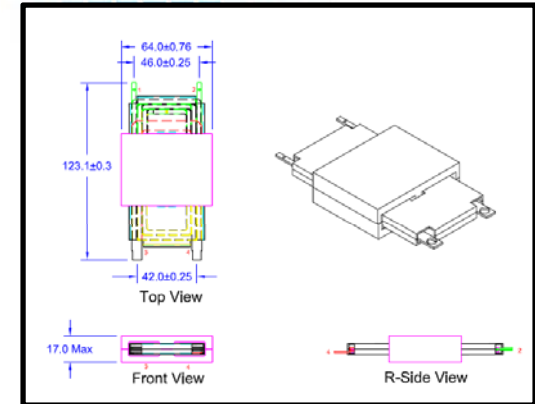


Description

PT074381 is a full bridge planar transformer with a power rating up to 2000W. It is PPAP Level 3 capable and RoHS/REACH compliant. It can be used for applications in automotive, telecom, etc. PT074381 or a similar part can be customized to meet your specific needs. If required, please see the Custom Request section.

Application

PT074381 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	470 μ H Min / 0.8 μ H Max
Input Voltage	212V Min - 450V Max
Output Voltage	27V Min, 45V Nom, 63V Max
Power Output	2000W
Rated Secondary Current	31A Min, 50A Nom, 74A Max
RDC	(1-2) 9.00 m Ω Max (3-4) 0.50 m Ω Max
Turns Ratio	(1-2):(3-4) = 6.0:1.0