

Type: EER3810

Under Development

◆ **Description**

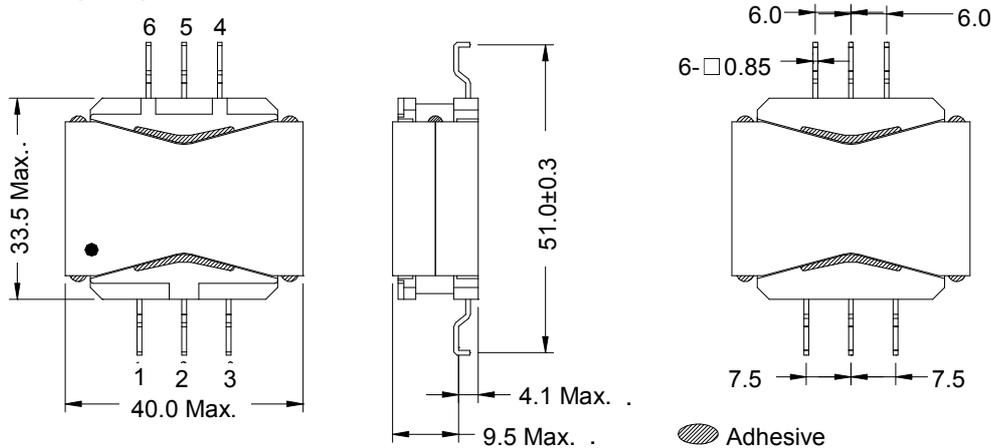
- Slim transformer; High current PFC Inductor.
- Ideally used in low profile SMPS such as slim LCD TV etc.
- Recess mount.
- Core material: Ferrite.
- Custom design is available.



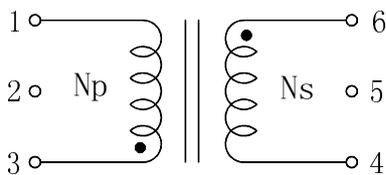
◆ **Feature**

- Max. operating frequency: 1MHz.
- Max. operating power: 200Watt(at 500kHz)
- Storage temperature range: -40°C~+105°C.
- Operating temperature range: -40°C~+105°C (including coil's self-heat).
- Product weight: 47g(Ref.).
- RoHS Compliance.

◆ **Dimensions (mm)**

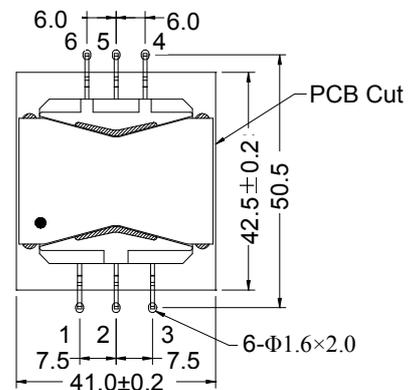


◆ **Schematics (Bottom)**



“●” indicates polarity.

◆ **Recommended PCB cut area and layout (mm)**



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◆ Specification

Sample No.	Inductance(μ H) (3-1) 100kHz/0.1V	D.C.R.(3-1) (m Ω)	D.C.R.(6-4) (m Ω)	Temperature rise current(3-1)(A) ※1	Saturation current (6-4)(A) ※2
PS08-093	200 Min.	165 Max.	225 Max.	3.0(Typ.)	7.5(Typ.)

※ 1: The temperature DC current indicates the current when the temperature of coil is increased up to $\Delta T=40^{\circ}\text{C}$ ($T_a=20^{\circ}\text{C}$).

※ 2: Saturation current indicates the DC current when the inductance decreases to maximum 90% of normal value.

◆ Packaging with Pallet
Qty.: 16pcs/pallet
