



ER30-300W SERIES

Planar Power Transformer

FEATURES

- Use ER30 Planar transformer magnetic core, multilayer pcb technique.
- Use for DC/DC module power, max output power 300W.
- Working frequency :200K~300K..

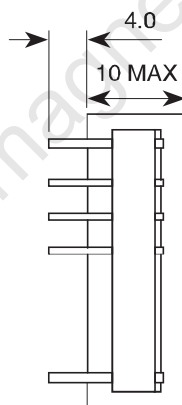
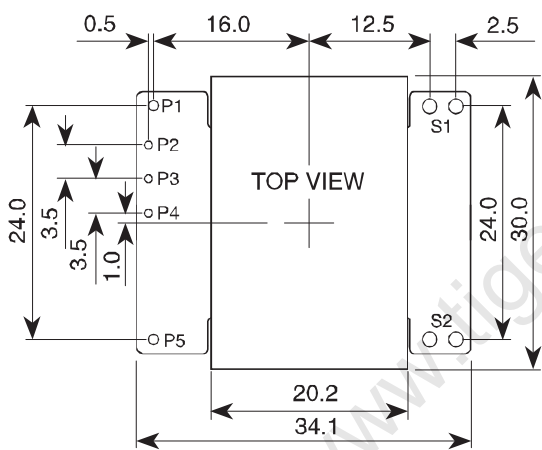
OPTIONS

- Outline dimension: 34.1*30*10mm(Max).
- Withstand voltage between secondary coils:3KVDC.

APPLICATIONS

- Working temperature Range: -40°C ~ +85°C.
- Weight: ≤ 42.5g

| PART NUMBER | Pri to Sec Ratio | Primary N1 (P1-P5) | | | Sec (S1-S2) |
|----------------|------------------|--------------------|--------------------------|---------------------|-------------|
| | N1:N2:AUX | Inductance (Min) | Leakage Inductance (Max) | DC Resistance (Max) | |
| TG-ER30T318031 | 18:3:(2+18) | 1.1μH | 3.2μH | 105mΩ | 0.95mΩ |
| TG-ER30T203081 | 3:8:N | 30μH | 0.5μH | 2.0mΩ | 13mΩ |



P1/P5=2*φ 1.0
 P2/P3/P4=3*φ 0.7
 S1/S2=4*φ 1.5

