



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..

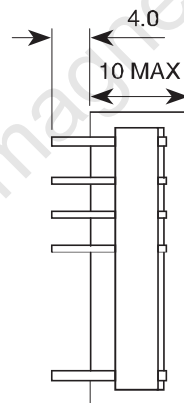
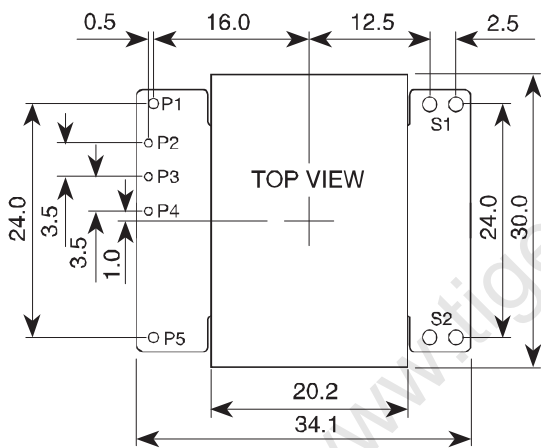
OPTIONS

- 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

