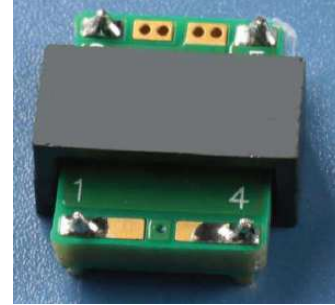


PLANAR TRANSFORMERS

- ER14 Planar Ferrite Core
- Suitable for DC/DC Power Modules
- Operating Frequency 300 - 500 KHz
- Mechanical Outline 15.0 x 14.6 x 6.0 mm
- Electrical Isolation 1.5 KV DC
- Working Temperature -40° C - +85° C
- Weight \leq 3.5g

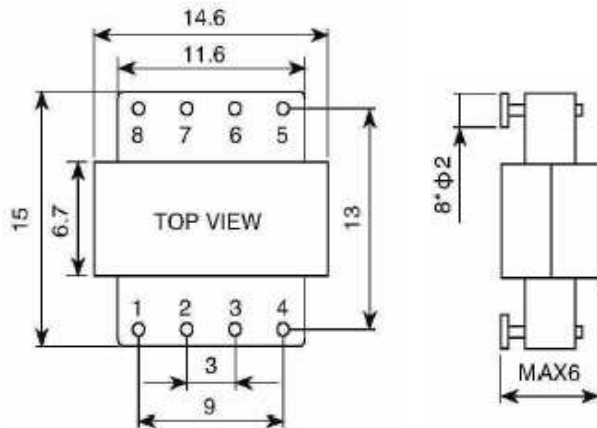
PER14 20W SERIES



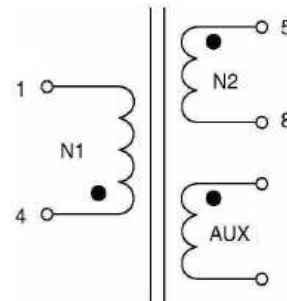
Electrical Specifications @ 25°C

Part Number	Turn Ratio	Primary winding N1 (1-4)			Secondary Winding N2 (5-8)	AUX
		Inductance μH (min)	Leakage μH (max)	DC Resistance $\text{m}\Omega$ (max)	DC Resistance $\text{m}\Omega$ (max)	
	N1:N2:AUX					
PER14T209031	9:3:N	65	0.3	59	7.5	n/a
PER14T209041	9:4:N	65	0.3	59	8.9	n/a
PER14T209051	9:5:N	65	0.3	59	13.2	n/a
PER14T304051	4:5:2	15 \pm 15%	0.2	8.7	12.5	6-7
PER14T311031	11:3:13	20 \pm 15%	0.5	98.5	7.5	2-3
PER14T311051	11:5:13	20 \pm 15%	0.5	98.5	19.9	2-3

Dimensions (unit: mm)



Schematic



P/N:PER14TXXXX

Rev 01 1/10/17

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