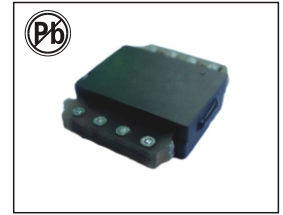


# HIGH FREQUENCY PLANAR TRANSFORMERS

## TPER14 SERIES



### FEATURES:

- Power rating up to 20W
- High frequency 400KHz~700KHz
- Operating temperature: -55°C to +125°C
- Insolation 1500V

### APPLICATION:

- Applied to power supply of low power module
- Applicable to aerospace, communications, rail transit, frequency converter, UPS, digital appliances, LED lighting and other fields

## ELECTRICAL CHARACTERISTICS@25°C

Part Number	Power	Input voltage (V)	Output voltage (V)	Turns ratio pri:sec:aux	Inductance (uH)	Lk (uH)Max	
TPER14306031	5-12W	12	3.3	6:3:12	6 ± 15%	0.3	
TPER14306051			5	6:5:12	6 ± 15%	0.3	
TPER14606101			12	6:10:12	6 ± 15%	0.3	
TPER14311031		24	24	3.3	11:3:13	20 ± 15%	0.5
TPER14311051				5	11:5:13	20 ± 15%	0.5
TPER14311101				12	11:10:13	20 ± 15%	0.5
TPER14316031		48	48	3.3	16:3:14	65 ± 15%	0.5
TPER14316051				5	16:5:14	65 ± 15%	0.5
TPER14316101				12	16:10:14	65 ± 15%	0.5
TPER14205031	15-20W	12	3.3	5:3:N/A	>20	0.3	
TPER14205051			5	5:5:N/A	>20	0.3	
TPER14205101			12	5:10:N/A	>20	0.3	
TPER14209031		24	24	3.3	9:3:N/A	>65	0.5
TPER14209041				5	9:4:N/A	>65	0.5
TPER14209101				12	9:10:N/A	>65	0.5
TPER14215031		48	48	3.3	15:3:N/A	>210	0.75
TPER14215041				5	15:4:N/A	>210	0.75
TPER14215101				12	15:10:N/A	>210	0.75

## PHYSICAL CHARACTERISTICS & WINDING

