

# 平板变压器/电感 Planar Transformer/Inductor

## PLANAR TRANSFORMERS FOR SERVER POWER APPS



## PLANAR TRANSFORMERS FOR MODULE POWER APPS



## PLANAR TRANSFORMERS FOR AUTOMOTIVE APPS



## PLANAR INDUCTOR FOR UPS APPS



## COMMON MODE INDUCTOR FOR PHOTOVOLTAIC INVERTER APPS



## PLANAR INDUCTOR FOR POWER SUPPLY APPS



铭普平板变压器/电感, 用于通讯模块电源, 5G基站电源, 适配器电源, 太阳能逆变器等领域, 具有高功率密度, 高效率, 低漏感, 扁平化, 有效降低产品高度, 功率高达10KW。

These products can widely used on DC-DC Converter, 5G base station power supply, Solar energy and so on, and can handle high current with low DCR, high power density and efficiency, low leakage inductance, low profile and high power capability up to 10KW.

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Picture	P/N	Power (W)	Freq (kHz)	Circuit topology	Size (mm)	Inductance value	Turns ratio	Type
	TPEIR18-0197SG	20	200	Flyback	21.5*19.0*7.5	10uH±10%	10:12:8	SMT
	TPEIR19-0150SG	60	200	Forward	21*25*10.5	250uH±20%	4:4:5:1:1	SMT
	TPEIR20-0177SG	300	200	Forward	21*24*10	120uH±10%	8:2	SMT
	TPEIR18-0197SG	350	130	LLC	36*26*13	220uH±10%	25:3:3	SMT
	TPEIR25-0179SG	400	200	Push-pull	26.7*27.5*9.2	200uH±35%	3:3:5:5	SMT
	TPEIR25-0063SG	500	300	Push-pull	27*29*11.5	24uH±20%	2:2:4:4	SMT
	TPEIR30-0067SG	400	130	Full bridge	32*30.7*11.8	115uH MIN	5:8	SMT
	TPEIR30-0058SG	550	250	Full bridge	32.6*31.5*11.6	45uH±25%	3:5	SMT
	TPEIR18-0197SG	400	200	LLC	31.5*30*11.8	60uH±35%	3:5:5	SMT
	TPEIR18-0197SG	800	300	Full bridge	33*33.5*10.5	60uH±35%	3:5	SMT

Picture	P/N	Size (mm)	Inductance value	DCR (mΩ)	Isat (A)	Irms (A)	Type
	MHW1306SG1R0M	13*13.2*6.1	1.0uH±20%	1.18 max	30	30	SMT
	MCEP125SG1R0M	13*13.2*5.5	1.0uH±20%	2.5 max	20	16.5	SMT
	MHW1807SG2R0KA	20.3*19*8.1	2.0uH±10%	3.0 max	32	25	SMT
	MHW1807SG4R0K	18.6*21.3*8.5	4.0uH±10%	3.0 max	18	14	SMT
	MHW2009SG7R0KA	21.2*22.3*8.5	7.0uH±10%	7.0 max	18	7	SMT
	MHW2012SG100KA	22*22.3*12.5	10.0uH±10%	3.9 max	21	10	SMT
	MHW2014SG120K	22*22.3*14.5	12.0uH±10%	5.0 max	22	10	SMT
	MHW2012SG150KA	22*22.3*12.5	15.0uH±10%	3.9 max	15.3	12	SMT
	MHW2618HBSG3R3K MHW2618HBSG4R7K MHW2618HBSG6R8K MHW2618HBSG100K MHW2618HBSG150K MHW2618HBSG220K MHW2618HBSG330K	27.9*27.94*17.78	3.3uH±10% 4.7uH±10% 6.8uH±10% 10.0uH±10% 15.0uH±10% 22.0uH±10% 33.0uH±10%	2.86 max	92.5 61.2 45 31.2 21.2 14 8.7	28	SMT
	CMB8020DG221U	116*116*52	360 min	0.6 max	81	81	SMT