ETP-SERI1915

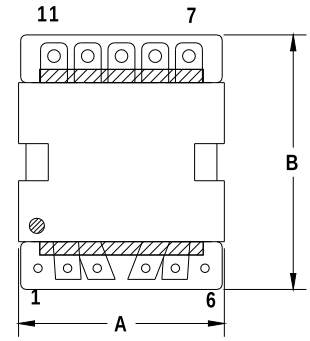
Series



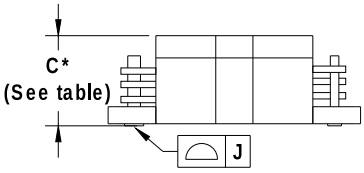
Planar Transformer

- Height: 10.5mm to 11.5mm Max
- Footprint: 24.5mm x 21.6mm Max
- Power Rating: up to 140W
- Inductance measuring condition: at 10kHz, 50mV
- Operating temperature range -40°C to +125°C
- Storage temperature range -25°C to +100°C

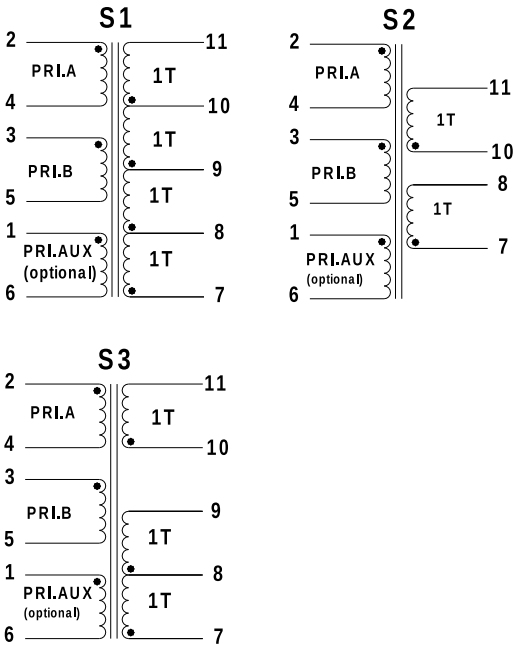
ETP-SERI1915 Series

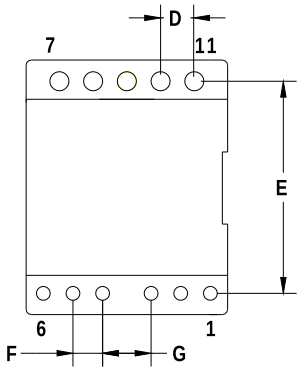


(TOP VIEW)

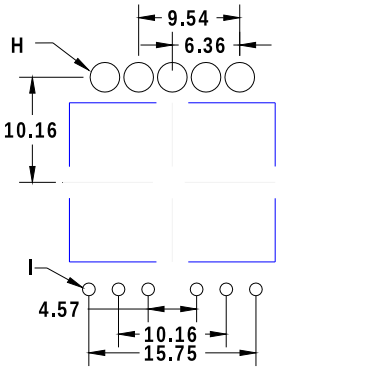


SCHEMATICS





(BOTTOM VIEW)



RECOMMENDED PCB LAYOUT

UNIT : mm

Size	A(mm)	B(mm)	D(mm)	E(mm)	F(mm)	G(mm)	H(mm)	I(mm)	J(mm)
	21.6 Max	24.5 Max	3.18	20.32	2.795	4.57	ϕ2.79	ϕ2.03	0.13 Max

elytone

ETP-SERI1915 Series

Part No.	L*1 (µH Min)	Turns			Schematic	DCR (mΩ) Max			ET (V·µs)	Leakage Inductance*2 (µH) Max	Max Height C* (mm)
		PRI. A	PRI. B	SEC		PRI. A	PRI. B	SEC			
ETP-SERI1915-444	153	4	4	4T (1T:1T:1T:1T)	S1	17.5	17.5	7	112	0.45	10.5
ETP-SERI1915-454	194	4	5			17.5	20	7	127	0.45	10.5
ETP-SERI1915-554	240	5	5			20	20	7	141	0.55	10.5
ETP-SERI1915-564	290	5	6			20	25	7	155	0.60	10.5
ETP-SERI1915-664	345	6	6			25	25	7	169	0.65	10.5
ETP-SERI1915-442	153	4	4	1T & 1T	S2	17.5	17.5	1.0 & 1.0	112	0.45	10.5
ETP-SERI1915-452	194	4	5			17.5	20	1.0 & 1.0	127	0.55	10.5
ETP-SERI1915-552	240	5	5			20	20	1.0 & 1.0	141	0.70	10.5
ETP-SERI1915-562	290	5	6			20	25	1.0 & 1.0	155	0.90	10.5
ETP-SERI1915-662	345	6	6			25	25	1.0 & 1.0	169	0.75	10.5
ETP-SERI1915-443	153	4	4	2T & 1T	S3	17.5	17.5	1.85 & 1.85	112	0.45	10.5
ETP-SERI1915-453	194	4	5			17.5	20	1.85 & 1.85	127	0.45	10.5
ETP-SERI1915-553	240	5	5			20	20	1.85 & 1.85	141	0.55	10.5
ETP-SERI1915-563	290	5	6			20	25	1.85 & 1.85	155	0.65	11.5
ETP-SERI1915-663	345	6	6			25	25	1.85 & 1.85	169	0.80	11.5

*1 With both primary windings connected in series (2 to 5, with 3 and 4 shorted)
*2 With primary tied in series and all secondaries shorted (2 to 5, with 3, 4 and 7, 8, 9, 10, 11 shorted)