

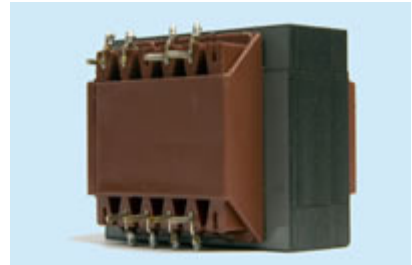


DOUGLAS ELECTRONIC INDUSTRIES LTD

UK Manufacturing Established 1946

PCB Mounted Transformers

PCB mounted standard range transformers are available in various bobbin sizes from 1.2VA up to 100VA. All bobbins except 1.2VA and 1.5Va size have fully shrouded primary and secondary windings. Four hole laminations for screw mounting to PCB boards are used for 12Va transformers and above. All fine windings are skeined to pins for extra strength. Thermal fuse protection to BS3535 is available for special requirements. The standard bobbin plans and pin layouts listed give the pin numbers used for each VA size and number of primary and secondary taps. Different pin positions can be used according to requirements.



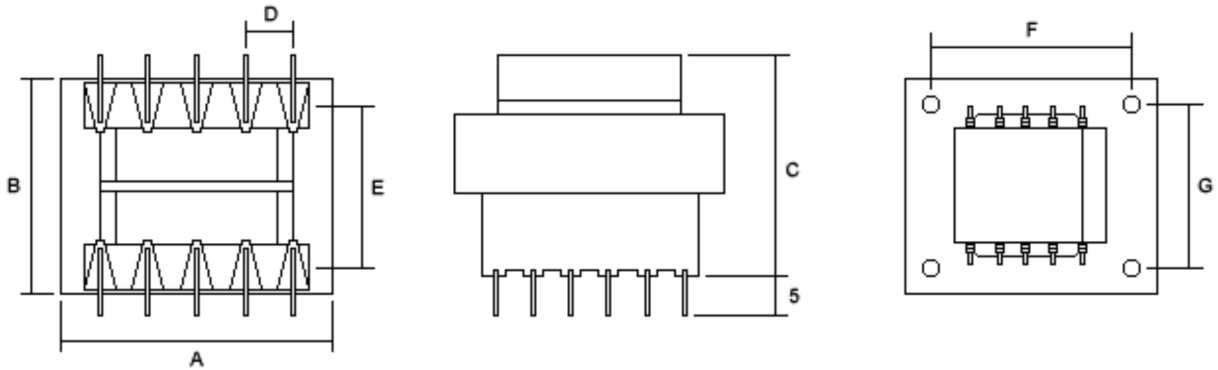
PCB Mounted Transformers

Rating	Volts Per Secondary	Reference	Pin View
1.2VA	4.5-0-4.5	EQ1PC	
	6-0-6	EQ2PC	
	12-0-12	EQ3PC	
	15-0-15	EQ4PC	
	20-0-20	EQ5PC	
1.5VA	0-3,0-3	EMT551PC	
	0-4.5,0-4.5	EMT561PC	
	0-6,0-6	EMT534PC	
	0-7.5,0-7.5	EMT535PC	
	0-9,0-9	EMT536PC	
	0-12,0-12	EMT537PC	
	0-15,0-15	EMT538PC	
3VA	0-3,0-3	EMT562PC	
	0-4.5,0-4.5	EMT563PC	
	0-6,0-6	EMT529PC	
	0-7.5,0-7.5	EMT528PC	
	0-9,0-9	EMT530PC	
	0-12,0-12	EMT531PC	
	0-15,0-15	EMT532PC	
6VA	0-4.5,0-4.5	EMT440PC	<p>0.9" Spacing also available</p>
	0-6,0-6	EMT446PC	
	0-7.5,0-7.5	EMT453PC	
	0-9,0-9	EMT460PC	
	0-12,0-12	EMT467PC	
	0-15,0-15	EMT474PC	
	0-17.5,0-17.5	EMT481PC	
12VA	0-20,0-20	EMT488PC	
	0-4.5,0-4.5	EMT443PC	
	0-6,0-6	EMT449PC	
	0-7.5,0-7.5	EMT456PC	
	0-9,0-9	EMT463PC	
	0-12,0-12	EMT470PC	
	0-15,0-15	EMT477PC	
	0-17.5,0-17.5	EMT484PC	
25VA	0-20,0-20	EMT491PC	
	0-24,0-24	EMT498PC	
	0-4.5,0-4.5	EMT444PC	
	0-6,0-6	EMT450PC	
	0-7.5,0-7.5	EMT457PC	
	0-9,0-9	EMT464PC	
	0-12,0-12	EMT471PC	
	0-15,0-15	EMT478PC	
	0-17.5,0-17.5	EMT485PC	
0-20,0-20	EMT492PC		
0-24,0-24	EMT499PC		

PCB Mounted Transformers

Dimensions, Weight & Regulations

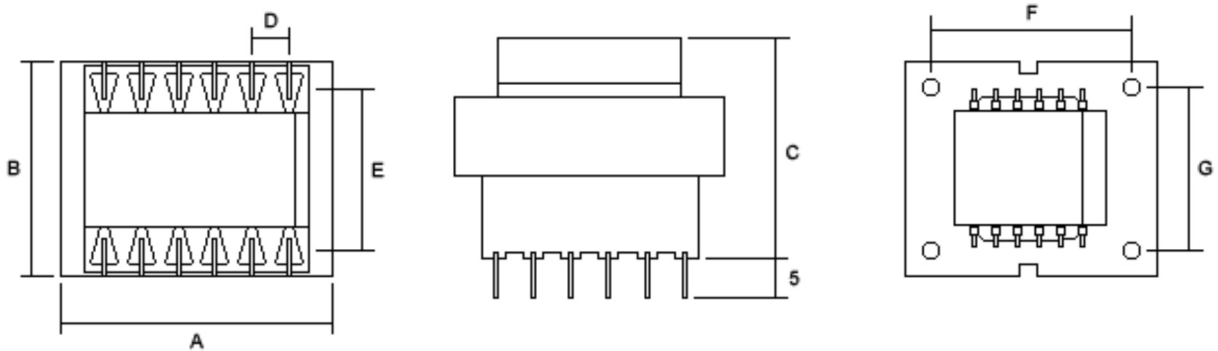
10 Pin bobbins are used for 1.2, 1.5, 3, 6, 12, 20 and 25VA transformers (6VA Imperial Bobbin)



Laminations without fixing holes used for 1.2, 1.5, 3 and 6VA (Imperial Bobbin)

Laminations with fixing holes used for 12, 20 and 25VA

12 Pin bobbins are used for 6, 9, 50, 60, 75 and 100VA transformers (6VA Metric Bobbin)



Laminations without fixing holes used for 6VA (Metric Bobbin) and 9VA

Laminations with fixing holes used for 50, 60, 75 and 100VA

Rating	Dimensions (mm)							Weight (kg)	Regulation %
	A	B	C	D	E	F	G		
1.2VA	30	25	25	5.08	20.32			0.065	18
3VA	38	32	30	5.08	25.4			0.120	20
Metric 6VA	42	35	32	5.08	25.4			0.155	18
Imperial 6VA	43	36	35	5.08	22.86			0.165	18
9VA	48	40	37	5.08	27.5			0.215	15
12VA	58	48	46	7.62	30.5	47.6	38.1	0.400	10
20VA	58	48	52	7.62	30.5	47.6	38.1	0.450	10
25VA	67	56	52	7.62	35.6	55.6	44.5	0.770	10
50VA	77	64	58	7.2	40.7	63.5	50.8	1.000	10
60VA	77	64	64	7.2	40.7	63.5	50.8	1.200	9
75VA	77	64	70	7.2	40.7	63.5	50.8	1.300	8
100VA*	86	72	64	7.2	45.8	71.5	57.2	1.400	8

* High Grade Laminations