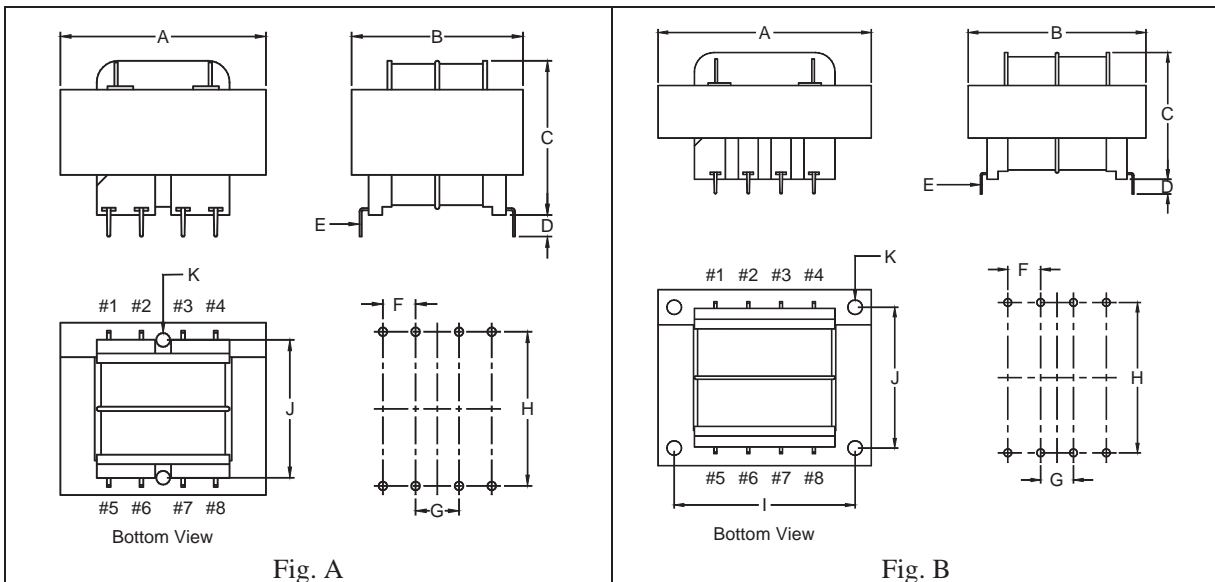


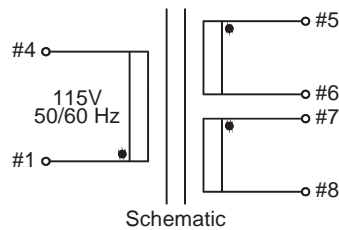


## TL77 Series

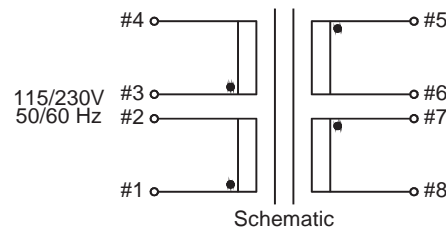
- Power – 1.1VA to 36VA
- Dielectric Strength – 2500Vrms (P – S)
- Primary – Dual primary (115V/230V 50/60Hz) or Single primary (115V 50/60Hz)
- Secondary – Series or parallel
- Insulation Class – Class F (155°C)
- Agency Approvals – UL506, CSA C22.2 #66



Single Primary (6-Pin Style)



Dual Primary (8-Pin Style)



Product Series	Dimension (mm)											Fig.	Weight (g)
	A	B	C	D	E	F	G	H	I	J	K		
1.1 VA	36.5	32.0	25.5	5.5	0.5×1.0	6.35	6.35	30.5	--	--	--	A	75
2.4 VA	36.5	32.0	31.5	5.5	0.5×1.0	6.35	6.35	30.5	--	--	--	A	110
6.0 VA	42.0	34.0	34.3	5.0	0.5×1.0	6.35	8.90	32.5	--	27.0	∅2.5	A	180
12 VA	49.0	41.0	36.8	5.0	0.5×1.0	7.62	10.16	35.8	--	32.0	∅3.0	A	285
20 VA	58.0	48.5	36.8	5.0	0.5×1.0	7.62	10.16	40.6	--	38.0	∅3.5	A	360
36 VA	67.0	56.0	40.6	5.0	0.5×1.0	10.16	10.16	47.0	56.0	44.0	∅4.0	B	490
<b>Tolerance</b>	max.	max.	max.	±1.0	±0.2	±0.3	±0.3	±0.5	±0.5	±0.5	max.	--	approx.

Note : Dimension “ E ” is pin size, and dimension “ K ” is the maximum allowable screw size.

Product Series	Part Number				Secondary RMS Rating	
	Single 115V (6-Pin)		Dual 115 / 230V (8-Pin)		Series	Parallel
1.1 VA	TL77-2F-10	S	TL77-2F-10	D	10V @ 0.11A	5V @ 0.22A
	TL77-2F-12	S	TL77-2F-12	D	12.6V @ 0.09A	6.3V @ 0.18A
	TL77-2F-16	S	TL77-2F-16	D	16V @ 0.07A	8V @ 0.14A
	TL77-2F-20	S	TL77-2F-20	D	20V @ 0.055A	10V @ 0.11A
	TL77-2F-24	S	TL77-2F-24	D	24V @ 0.045A	12V @ 0.09A
	TL77-2F-28	S	TL77-2F-28	D	28V @ 0.04A	14V @ 0.08A
	TL77-2F-36	S	TL77-2F-36	D	36V @ 0.03A	18V @ 0.06A
	TL77-2F-48	S	TL77-2F-48	D	48V @ 0.023A	24V @ 0.046A
	TL77-2F-56	S	TL77-2F-56	D	56V @ 0.02A	28V @ 0.04A
TL77-2F-120	S	TL77-2F-120	D	120V @ 0.01A	60V @ 0.02A	
2.4 VA	TL77-3F-10	S	TL77-3F-10	D	10V @ 0.25A	5V @ 0.5A
	TL77-3F-12	S	TL77-3F-12	D	12.6V @ 0.2A	6.3V @ 0.4A
	TL77-3F-16	S	TL77-3F-16	D	16V @ 0.15A	8V @ 0.3A
	TL77-3F-20	S	TL77-3F-20	D	20V @ 0.12A	10V @ 0.24A
	TL77-3F-24	S	TL77-3F-24	D	24V @ 0.1A	12V @ 0.2A
	TL77-3F-28	S	TL77-3F-28	D	28V @ 0.085A	14V @ 0.17A
	TL77-3F-36	S	TL77-3F-36	D	36V @ 0.065A	18V @ 0.13A
	TL77-3F-48	S	TL77-3F-48	D	48V @ 0.05A	24V @ 0.1A
	TL77-3F-56	S	TL77-3F-56	D	56V @ 0.045A	28V @ 0.09A
TL77-3F-120	S	TL77-3F-120	D	120V @ 0.02A	60V @ 0.04A	
6 VA	TL77-4F-10	S	TL77-4F-10	D	10V @ 0.6A	5V @ 1.2A
	TL77-4F-12	S	TL77-4F-12	D	12.6V @ 0.5A	6.3V @ 1A
	TL77-4F-16	S	TL77-4F-16	D	16V @ 0.4A	8V @ 0.8A
	TL77-4F-20	S	TL77-4F-20	D	20V @ 0.3A	10V @ 0.6A
	TL77-4F-24	S	TL77-4F-24	D	24V @ 0.25A	12V @ 0.5A
	TL77-4F-28	S	TL77-4F-28	D	28V @ 0.2A	14V @ 0.4A
	TL77-4F-36	S	TL77-4F-36	D	36V @ 0.17A	18V @ 0.34A
	TL77-4F-48	S	TL77-4F-48	D	48V @ 0.125A	24V @ 0.25A
	TL77-4F-56	S	TL77-4F-56	D	56V @ 0.11A	28V @ 0.22A
TL77-4F-120	S	TL77-4F-120	D	120V @ 0.05A	60V @ 0.1A	
12 VA	TL77-5F-10	S	TL77-5F-10	D	10V @ 1.2A	5V @ 2.4A
	TL77-5F-12	S	TL77-5F-12	D	12.6V @ 1.0A	6.3V @ 2A
	TL77-5F-16	S	TL77-5F-16	D	16V @ 0.8A	8V @ 1.6A
	TL77-5F-20	S	TL77-5F-20	D	20V @ 0.6A	10V @ 1.2A
	TL77-5F-24	S	TL77-5F-24	D	24V @ 0.5A	12V @ 1A
	TL77-5F-28	S	TL77-5F-28	D	28V @ 0.42A	14V @ 0.84A
	TL77-5F-36	S	TL77-5F-36	D	36V @ 0.35A	18V @ 0.7A
	TL77-5F-48	S	TL77-5F-48	D	48V @ 0.25A	24V @ 0.5A
	TL77-5F-56	S	TL77-5F-56	D	56V @ 0.22A	28V @ 0.44A
TL77-5F-120	S	TL77-5F-120	D	120V @ 0.1A	60V @ 0.2A	
20 VA	TL77-6F-10	S	TL77-6F-10	D	10V @ 2A	5V @ 4A
	TL77-6F-12	S	TL77-6F-12	D	12.6V @ 1.6A	6.3V @ 3.2A
	TL77-6F-16	S	TL77-6F-16	D	16V @ 1.25A	8V @ 2.5A
	TL77-6F-20	S	TL77-6F-20	D	20V @ 1A	10V @ 2A
	TL77-6F-24	S	TL77-6F-24	D	24V @ 0.8A	12V @ 1.6A
	TL77-6F-28	S	TL77-6F-28	D	28V @ 0.7A	14V @ 1.4A
	TL77-6F-36	S	TL77-6F-36	D	36V @ 0.55A	18V @ 1.1A
	TL77-6F-48	S	TL77-6F-48	D	48V @ 0.4A	24V @ 0.8A
	TL77-6F-56	S	TL77-6F-56	D	56V @ 0.35A	28V @ 0.7A
TL77-6F-120	S	TL77-6F-120	D	120V @ 0.16A	60V @ 0.32A	
36 VA	TL77-7F-10	S	TL77-7F-10	D	10V @ 3.6A	5V @ 7.2A
	TL77-7F-12	S	TL77-7F-12	D	12.6V @ 2.85A	6.3V @ 5.7A
	TL77-7F-16	S	TL77-7F-16	D	16V @ 2.25A	8V @ 4.5A
	TL77-7F-20	S	TL77-7F-20	D	20V @ 1.8A	10V @ 3.6A
	TL77-7F-24	S	TL77-7F-24	D	24V @ 1.5A	12V @ 3A
	TL77-7F-28	S	TL77-7F-28	D	28V @ 1.3A	14V @ 2.6A
	TL77-7F-36	S	TL77-7F-36	D	36V @ 1A	18V @ 1A
	TL77-7F-48	S	TL77-7F-48	D	48V @ 0.75A	24V @ 1.5A
	TL77-7F-56	S	TL77-7F-56	D	56V @ 0.65A	28V @ 1.3A
TL77-7F-120	S	TL77-7F-120	D	120V @ 0.3A	60V @ 0.6A	

Note: When checking the approval status of this series' products with UL, the suffixes "S" or "D" should be omitted (but either of them will also be found on the part marking).