

# TE Power Transformers

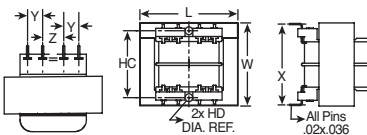
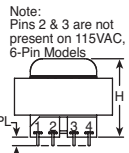


## 4900 SERIES POWER PCB TRANSFORMERS

RoHS Compliant This product is RoHS compliant.

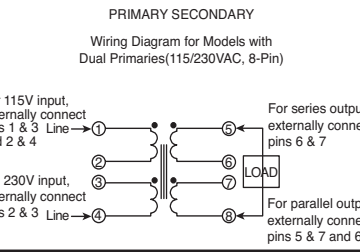
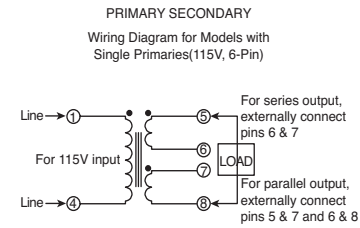
### Features & Specifications:

- 1:1 through 36VA models
- Split bobbin design provides 1,500Vrms isolation and permits low profile
- Low capacitive coupling of primary to secondary requires no electrostatic shielding
- Single or dual primaries
- Series or parallel secondaries
- Designed to operate on 50/60Hz.
- UL Class B (130°C) insulation



Dimensions: in. (mm)									
VA	L	W	H	HC	HD	PL	X	Y	Z
1.1	1.4 (35.6)	1.18 (30.1)	.93 (23.6)	†	†	.135 (3.4)	1.22 (31)	.25 (6.35)	.25 (6.35)
2.4	1.4 (35.6)	1.18 (30.1)	1.2 (30.5)	†	†	.135 (3.4)	1.22 (31)	.25 (6.35)	.25 (6.35)
6	1.625 (41.3)	1.32 (33.5)	1.35 (34.3)	1.14 (28.96)	.125 § (3.17)	.135 (3.4)	1.28 (32.6)	.25 (6.35)	.35 (8.9)
12	1.89 (48.0)	1.58 (40.0)	1.41 (35.8)	1.27 (32.76)	.150 § (3.81)	.135 (3.4)	1.40 (35.6)	.30 (7.55)	.40 (10.2)
20	2.25 (57.0)	1.88 (47.6)	1.41 (35.8)	1.50 (38.1)	.177 § (4.5)	.135 (3.4)	1.59 (40.4)	.30 (7.55)	.40 (10.2)
36	2.60 (66.0)	2.165 (55.0)	1.62 (41.1)	1.62 (41.1)	.157 §§ (4.0)	.20 (5.08)	1.84 (46.8)	.40 (10.2)	.40 (10.2)

† There are no mounting holes on 1.1 and 2.4VA models.  
 †† There are four mounting holes on 2.165 x 1.630 (55.0 x 41.4) centers on 36VA models.  
 § Recommend use of #4 Nylon screws (not included) for mounting.  
 §§ Recommend use of #6 screws (not included) for mounting.



### Single Input (115VAC, 6-pin)

MOUSER STOCK NO.	TE Desc.	TE Part No.	Rated Power (VA)	Rated Output		Price Each			
				Series	Parallell	1	10	25	50
655-4900-8012RA60	4900-8012RA60	1672324-2	1.1	12VCT @ 0.092A	6VAC @ 0.183A	7.31	6.20	5.60	5.02
655-4900-8013RA60	4900-8013RA60	1672324-3	1.1	12.6VCT @ 0.087A	6.3VAC @ 0.175A	7.31	6.20	5.60	5.02
655-4900-8020RA60	4900-8020RA60	1672324-5	1.1	20VCT @ 0.055A	10VAC @ 0.11A	7.31	6.20	5.60	5.02
655-4900-8013RB61	4900-8013RB61	2-1672209-6	2.4	12.6VCT @ 0.2A	6.3VAC @ 0.4A	7.64	6.49	5.81	5.20
655-4900-8016RB61	4900-8016RB61	2-1672209-7	2.4	16VCT @ 0.15A	8VAC @ 0.3A	7.64	6.49	5.81	5.20
655-4900-8120RB61	4900-8120RB61	3-1672209-5	2.4	120VCT @ 0.02A	60VAC @ 0.04A	7.64	6.49	5.81	5.20
655-4900-8016RC62	4900-8016RC62	4-1672209-0	6	16VCT @ 0.4A	8VAC @ 0.8A	8.40	7.14	6.38	5.72
655-4900-8020RC62	4900-8020RC62	4-1672209-1	6	20VCT @ 0.3A	10VAC @ 0.6A	8.40	7.14	6.38	5.72
655-4900-8024RC62	4900-8024RC62	4-1672209-2	6	24VCT @ 0.25A	12VAC @ 0.5A	8.40	7.14	6.38	5.72
655-4900-8028RC62	4900-8028RC62	4-1672209-3	6	28VCT @ 0.2A	14VAC @ 0.4A	8.40	7.14	6.38	5.72
655-4900-8036RC62	4900-8036RC62	4-1672209-5	6	36VCT @ 0.17A	18VAC @ 0.34A	8.40	7.14	6.38	5.72
655-4900-8120RC62	4900-8120RC62	6-1672209-8	6	24VCT @ 0.05A	60VAC @ 0.1A	8.40	7.14	6.38	5.72
655-4900-8012RD63	4900-8012RD63	1672325-2	12	12VCT @ 1A	6VAC @ 2A	10.05	9.26	8.28	7.45
655-4900-8013RD63	4900-8013RD63	1672325-3	12	12.6VCT @ 1A	6.3VAC @ 2A	9.50	8.42	7.53	6.78
655-4900-8024RD63	4900-8024RD63	1672325-6	12	24VCT @ 0.5A	12VAC @ 1A	9.50	8.42	7.53	6.78
655-4900-8028RD63	4900-8028RD63	1672325-7	12	28VCT @ 0.42A	14VAC @ 0.84A	9.60	8.71	8.12	7.56
655-4900-8048RD63	4900-8048RD63	1-1672325-0	12	48VCT @ 0.25A	24VAC @ 0.5A	9.50	8.42	7.53	6.78
655-4900-8012RE64	4900-8012RE64	1672326-2	20	12VCT @ 1.6A	6VAC @ 3.2A	10.98	9.81	8.84	8.43
655-4900-8013RE64	4900-8013RE64	1672326-3	20	12.6VCT @ 1.6A	6.3VAC @ 3.2A	10.98	9.81	8.84	8.43
655-4900-8024RE64	4900-8024RE64	1672326-6	20	24VCT @ 0.8A	12VAC @ 1.6A	12.08	10.98	9.92	9.27
655-4900-8028RE64	4900-8028RE64	1672326-7	20	28VCT @ 0.7A	14VAC @ 1.4A	11.87	10.76	10.13	9.43
655-4900-8048RE64	4900-8048RE64	1-1672326-0	20	48VCT @ 0.4A	24VAC @ 0.8A	10.98	9.81	8.84	8.43
655-4900-8012RF65	4900-8012RF65	1672327-2	36	12VCT @ 2.85A	6VAC @ 5.7A	16.96	15.16	13.65	13.03
655-4900-8013RF65	4900-8013RF65	1672327-3	36	12.6VCT @ 2.85A	6.3VAC @ 5.7A	19.34	17.73	16.36	15.20
655-4900-8024RF65	4900-8024RF65	1672327-6	36	24VCT @ 1.5A	12VAC @ 3A	17.96	16.16	14.35	14.03
655-4900-8028RF65	4900-8028RF65	1672327-7	36	28VCT @ 1.3A	14VAC @ 2.6A	16.96	15.16	13.65	13.03
655-4900-8048RF65	4900-8048RF65	1-1672327-0	36	48VCT @ 0.75A	24VAC @ 1.5A	18.65	16.67	15.01	14.33

### Dual Input (115/230VAC, 8-pin)

MOUSER STOCK NO.	TE Desc.	TE Part No.	Rated Power (VA)	Rated Output		Price Each			
				Series	Parallell	1	10	25	50
655-4900-9012RA60	4900-9012RA60	1-1672324-4	1.1	12VCT @ 0.092A	6VAC @ 0.183A	7.00	6.40	5.70	5.15
655-4900-9013RA60	4900-9013RA60	1-1672324-5	1.1	12.6VCT @ 0.087A	6.3VAC @ 0.175A	7.00	6.40	5.70	5.15
655-4900-9024RA60	4900-9024RA60	1-1672324-8	1.1	24VCT @ 0.046A	12VAC @ 0.1A	7.00	6.40	5.70	5.15
655-4900-9028RA60	4900-9028RA60	1-1672324-9	1.1	28VCT @ 0.039A	14VAC @ 0.092A	7.00	6.40	5.70	5.15
655-4900-9010RB61	4900-9010RB61	1-1672209-0	2.4	10VCT @ 0.25A	5VAC @ 0.5A	7.55	7.13	6.61	6.18
655-4900-9013RB61	4900-9013RB61	1-1672209-1	2.4	12.6VCT @ 0.2A	6.3VAC @ 0.4A	7.13	6.61	6.18	5.62
655-4900-9016RB61	4900-9016RB61	1672209-9	2.4	16VCT @ 0.15A	8VAC @ 0.3A	7.13	6.61	6.18	5.62
655-4900-9020RB61	4900-9020RB61	1-1672209-6	2.4	20VCT @ 0.12A	10VAC @ 0.24A	7.13	6.61	6.18	5.62
655-4900-9024RB61	4900-9024RB61	1-1672209-7	2.4	24VCT @ 0.1A	12VAC @ 0.2A	7.13	6.61	6.18	5.62
655-4900-9120RB61	4900-9120RB61	2-1672209-3	2.4	120VCT @ 0.02A	60VAC @ 0.04A	7.48	7.13	6.61	6.18
655-4900-9010RC62	4900-9010RC62	4-1672209-9	6	10VCT @ 0.6A	5VAC @ 1.2A	7.99	7.40	6.88	6.37
655-4900-9016RC62	4900-9016RC62	5-1672209-2	6	16VCT @ 0.4A	8VAC @ 0.8A	8.37	7.75	7.18	6.67
655-4900-9020RC62	4900-9020RC62	5-1672209-3	6	20VCT @ 0.3A	10VAC @ 0.6A	7.61	7.05	6.53	6.07
655-4900-9024RC62	4900-9024RC62	5-1672209-4	6	24VCT @ 0.25A	12VAC @ 0.5A	8.94	8.12	7.45	6.87
655-4900-9028RC62	4900-9028RC62	5-1672209-5	6	28VCT @ 0.2A	14VAC @ 0.4A	7.61	7.05	6.53	6.07
655-4900-9036RC62	4900-9036RC62	6-1672209-7	6	36VCT @ 0.17A	18VAC @ 0.34A	7.61	7.05	6.53	6.07
655-4900-9120RC62	4900-9120RC62	6-1672209-0	6	120VCT @ 0.05A	60VAC @ 0.1A	8.37	7.75	7.18	6.67
655-4900-9012RD63	4900-9012RD63	1-1672325-4	12	12VCT @ 1A	6VAC @ 2A	8.72	8.07	7.57	6.92
655-4900-9013RD63	4900-9013RD63	1-1672325-5	12	12.6VCT @ 1A	6.3VAC @ 2A	8.72	8.07	7.57	6.92
655-4900-9024RD63	4900-9024RD63	1-1672325-8	12	24VCT @ 0.5A	12VAC @ 1A	8.72	8.07	7.57	6.92
655-4900-9028RD63	4900-9028RD63	1-1672325-9	12	28VCT @ 0.42A	14VAC @ 0.84A	9.40	8.67	8.29	7.96
655-4900-9048RD63	4900-9048RD63	2-1672325-2	12	48VCT @ 0.25A	24VAC @ 0.5A	8.72	8.07	7.57	6.92
655-4900-9012RE64	4900-9012RE64	1-1672326-4	20	12VCT @ 1.6A	6VAC @ 3.2A	11.09	10.47	9.70	9.19
655-4900-9024RE64	4900-9024RE64	1-1672326-8	20	24VCT @ 0.8A	12VAC @ 1.6A	13.22	12.11	11.18	10.38
655-4900-9028RE64	4900-9028RE64	1-1672326-9	20	28VCT @ 0.7A	14VAC @ 1.4A	11.09	10.47	9.70	9.19
655-4900-9012RF65	4900-9012RF65	1-1672327-4	36	12VCT @ 2.85A	6VAC @ 5.7A	17.85	16.39	15.38	14.08
655-4900-9013RF65	4900-9013RF65	1-1672327-5	36	12.6VCT @ 2.85A	6.3VAC @ 5.7A	17.85	16.39	15.38	14.08
655-4900-9024RF65	4900-9024RF65	1-1672327-8	36	24VCT @ 1.5A	12VAC @ 3A	17.85	16.39	15.38	14.08
655-4900-9028RF65	4900-9028RF65	1-1672327-9	36	28VCT @ 1.3A	14VAC @ 2.6A	17.85	16.39	15.38	14.08
655-4900-9048RF65	4900-9048RF65	2-1672327-2	36	48VCT @ 0.75A	24VAC @ 1.5A	19.63	18.02	16.92	15.49