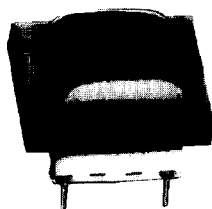
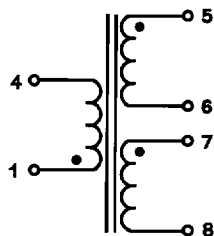


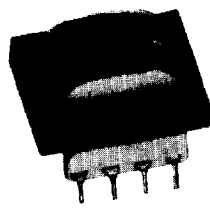
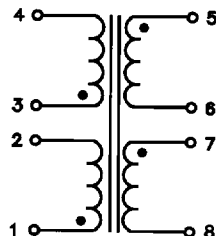
Split-Bobbin, High-Isolation PCB Mount Transformers

SINGLE
115V Primary
Type ST (6 Pins)



1.1 VA

DUAL
115/230V Primary
Type DST (8 Pin)



1.1 VA

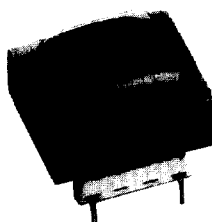
ST/DST Series

ST and DST PCB transformers use a "split bobbin" which allows the primaries and secondaries to be wound non-concentrically, (i.e., side by side rather than one over the other). This has the advantages of cost savings and superior performance, primarily:

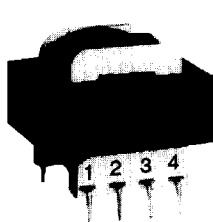
- High isolation—2500V RMS Hi-Pot is standard.
- Class B insulation—130° C.
- Low capacitive coupling, no electrostatic shield is necessary.
- Less manufacturing time, no cross-overs of primary and secondary leads.

Each transformer is available with single 115V or dual 115/230V primaries. In addition, secondaries are split so that they can be series or parallel connected. Variations can be made to meet custom applications.

Part Number		Secondary RMS Rating	
Single 115V (6 Pin)	Dual 115/230V (8 Pin)	Series	Parallel
ST 2-6	DST 2-6	6V C.T. @ .18A	3V @ .36A
ST 2-10	DST 2-10	10V C.T. @ .11A	5V @ .22A
ST 2-12	DST 2-12	12.6V C.T. @ .09A	6.3V @ .18A
ST 2-16	DST 2-16	16V C.T. @ .07A	8V @ .14A
ST 2-20	DST 2-20	20V C.T. @ .055A	10V @ .11A
ST 2-24	DST 2-24	24V C.T. @ .045A	12V @ .09A
ST 2-28	DST 2-28	28V C.T. @ .04A	14V @ .08A
ST 2-30	DST 2-30	30V C.T. @ .04A	15V @ .08A
ST 2-34	DST 2-34	34V C.T. @ .035A	17V @ .07A
ST 2-36	DST 2-36	36V C.T. @ .03A	18V @ .06A
ST 2-40	DST 2-40	40V C.T. @ .025A	20V @ .05A
ST 2-48	DST 2-48	48V C.T. @ .023A	24V @ .046A
ST 2-56	DST 2-56	56V C.T. @ .02A	28V @ .04A
ST 2-88	DST 2-88	88V C.T. @ .015A	44V @ .03A
ST 2-120	DST 2-120	120V C.T. @ .01A	60V @ .02A

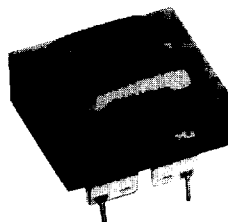


2.4 VA

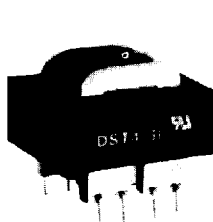


2.4 VA

Part Number		Secondary RMS Rating	
Single 115V (6 Pin)	Dual 115/230V (8 Pin)	Series	Parallel
ST 3-6	DST 3-6	6V C.T. @ .4A	3V @ .8A
ST 3-10	DST 3-10	10V C.T. @ .25A	5V @ .5A
ST 3-12	DST 3-12	12.6V C.T. @ .2A	6.3V @ .4A
ST 3-16	DST 3-16	16V C.T. @ .15A	8V @ .3A
ST 3-20	DST 3-20	20V C.T. @ .12A	10V @ .24A
ST 3-24	DST 3-24	24V C.T. @ .1A	12V @ .2A
ST 3-28	DST 3-28	28V C.T. @ .085A	14V @ .17A
ST 3-30	DST 3-30	30V C.T. @ .085A	15V @ .17A
ST 3-34	DST 3-34	34V C.T. @ .075A	17V @ .15A
ST 3-36	DST 3-36	36V C.T. @ .065A	18V @ .13A
ST 3-40	DST 3-40	40V C.T. @ .06A	20V @ .12A
ST 3-48	DST 3-48	48V C.T. @ .05A	24V @ .1A
ST 3-56	DST 3-56	56V C.T. @ .045A	28V @ .09A
ST 3-88	DST 3-88	88V C.T. @ .028A	44V @ .056A
ST 3-120	DST 3-120	120V C.T. @ .02A	60V @ .04A



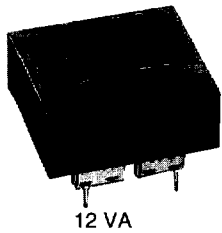
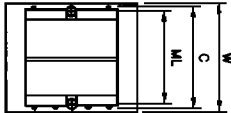
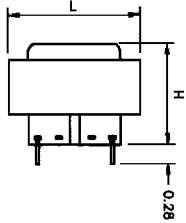
6 VA



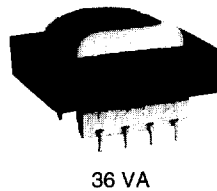
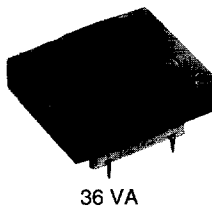
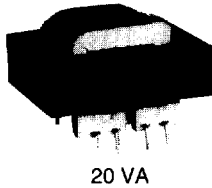
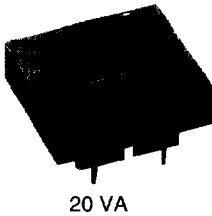
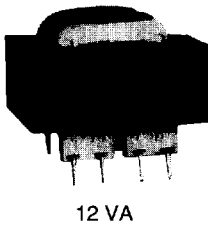
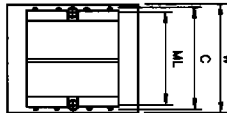
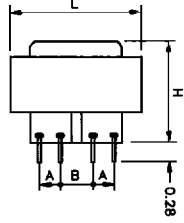
6 VA

Part Number		Secondary RMS Rating	
Single 115V (6 Pin)	Dual 115/230V (8 Pin)	Series	Parallel
ST 4-6	DST 4-6	6V C.T. @ 1A	3V @ .2A
ST 4-10	DST 4-10	10V C.T. @ .6A	5V @ 1.2A
ST 4-12	DST 4-12	12.6V C.T. @ .5A	6.3V @ 1A
ST 4-16	DST 4-16	16V C.T. @ .4A	8V @ .8A
ST 4-20	DST 4-20	20V C.T. @ .3A	10V @ .6A
ST 4-24	DST 4-24	24V C.T. @ .25A	12V @ .5A
ST 4-28	DST 4-28	28V C.T. @ .2A	14V @ .4A
ST 4-30	DST 4-30	30V C.T. @ .2A	15V @ .4A
ST 4-34	DST 4-34	34V C.T. @ .17A	17V @ .34A
ST 4-36	DST 4-36	36V C.T. @ .17A	18V @ .34A
ST 4-40	DST 4-40	40V C.T. @ .15A	20V @ .3A
ST 4-48	DST 4-48	48V C.T. @ .125A	24V @ .25A
ST 4-56	DST 4-56	56V C.T. @ .11A	28V @ .22A
ST 4-88	DST 4-88	88V C.T. @ .065A	44V @ .13A
ST 4-120	DST 4-120	120V C.T. @ .05A	60V @ .1A

SINGLE
Type: ST (6 Pin)



DUAL
Type: DST (8 Pin)



ST/DST Series

Mechanical Dimensions in Inches

Size	VA	L	W	H	ML	A	B	C	Optional Mtg. Screw & Nut*	WT (LBS)
2	1.1	1 ³ / ₈	1 ¹ / ₈	1 ⁵ / ₁₆	-	.250	.250	1.200	None	0.17
3	2.4	1 ³ / ₈	1 ¹ / ₈	1 ³ / ₁₆	-	.250	.250	1.200	None	0.25
4	6	1 ³ / ₈	1 ⁵ / ₁₆	1 ⁵ / ₁₆	1 ¹ / ₁₆	.250	.350	1.280	4-40 x 1 ³ / ₈	0.44
5	12	1 ⁷ / ₈	1 ⁹ / ₁₆	1 ⁷ / ₁₆	1 ¹ / ₄	.300	.400	1.410	4-40 x 1 ³ / ₈	0.70
6	20	2 ¹ / ₄	1 ⁷ / ₈	1 ⁷ / ₁₆	1 ¹ / ₂	.300	.400	1.600	4-40 x 1 ³ / ₈	0.80
7	36	2 ⁵ / ₈	1 ³ / ₁₆	1 ⁹ / ₁₆	†	.400	.400	1.850	†	1.1

*Available Part No. ST-MS (Screw) & Part No. ST-MIN (Nut). † Size 7 has 4 mounting holes on 2³/₁₆ x 1³/₄ centers for a #6 screw.

Part Number		Secondary RMS Rating	
Single 115V (6 Pin)	Dual 115/230V (8 Pin)	Series	Parallel
ST 5-6	DST 5-6	6V C.T. @ 2A	3V @ 4A
ST 5-10	DST 5-10	10V C.T. @ 1.2A	5V @ 2.4A
ST 5-12	DST 5-12	12.6V C.T. @ 1A	6.3V @ 2A
ST 5-16	DST 5-16	16V C.T. @ .8A	8V @ 1.6A
ST 5-20	DST 5-20	20V C.T. @ .6A	10V @ 1.2A
ST 5-24	DST 5-24	24V C.T. @ .5A	12V @ 1A
ST 5-28	DST 5-28	28V C.T. @ .42A	14V @ .84A
ST 5-30	DST 5-30	30V C.T. @ .4A	15V @ .8A
ST 5-34	DST 5-34	34V C.T. @ .34A	17V @ .68A
ST 5-36	DST 5-36	36V C.T. @ .35A	18V @ .7A
ST 5-40	DST 5-40	40V C.T. @ .3A	20V @ .6A
ST 5-48	DST 5-48	48V C.T. @ .25A	24V @ .5A
ST 5-56	DST 5-56	56V C.T. @ .22A	28V @ .44A
ST 5-88	DST 5-88	88V C.T. @ .13A	44V @ .26A
ST 5-120	DST 5-120	120V C.T. @ .1A	60V @ .2A

Part Number		Secondary RMS Rating	
Single 115V (6 Pin)	Dual 115/230V (8 Pin)	Series	Parallel
ST 6-6	DST 6-6	6V C.T. @ 3.2A	3V @ 6.4A
ST 6-10	DST 6-10	10V C.T. @ 2A	5V @ 4A
ST 6-12	DST 6-12	12.6V C.T. @ 1.6A	6.3V @ 3.2A
ST 6-16	DST 6-16	16V C.T. @ 1.25A	8V @ 2.5A
ST 6-20	DST 6-20	20V C.T. @ 1A	10V @ 2A
ST 6-24	DST 6-24	24V C.T. @ .8A	12V @ 1.6A
ST 6-28	DST 6-28	28V C.T. @ .7A	14V @ 1.4A
ST 6-30	DST 6-30	30V C.T. @ .7A	15V @ 1.4A
ST 6-34	DST 6-34	34V C.T. @ .5A	17V @ 1A
ST 6-36	DST 6-36	36V C.T. @ .55A	18V @ 1.1A
ST 6-40	DST 6-40	40V C.T. @ .45A	20V @ .9A
ST 6-48	DST 6-48	48V C.T. @ .4A	24V @ .8A
ST 6-56	DST 6-56	56V C.T. @ .35A	28V @ .7A
ST 6-88	DST 6-88	88V C.T. @ .2A	44V @ .4A
ST 6-120	DST 6-120	120V C.T. @ .16A	60V @ .32A

Part Number		Secondary RMS Rating	
Single 115V (6 Pin)	Dual 115/230V (8 Pin)	Series	Parallel
ST 7-6	DST 7-6	6V C.T. @ 6A	3V @ 12A
ST 7-10	DST 7-10	10V C.T. @ 3.6A	5V @ 7.2A
ST 7-12	DST 7-12	12.6V C.T. @ 2.85A	6.3V @ 5.7A
ST 7-16	DST 7-16	16V C.T. @ 2.25A	8V @ 4.5A
ST 7-20	DST 7-20	20V C.T. @ 1.8A	10V @ 3.6A
ST 7-24	DST 7-24	24V C.T. @ 1.5A	12V @ 3A
ST 7-28	DST 7-28	28V C.T. @ 1.3A	14V @ 2.6A
ST 7-30	DST 7-30	30V C.T. @ 1.2A	15V @ 2.4A
ST 7-34	DST 7-34	34V C.T. @ 1.05A	17V @ 2.1A
ST 7-36	DST 7-36	36V C.T. @ 1A	18V @ 2A
ST 7-40	DST 7-40	40V C.T. @ .9A	20V @ 1.8A
ST 7-48	DST 7-48	48V C.T. @ .75A	24V @ 1.5A
ST 7-56	DST 7-56	56V C.T. @ .65A	28V @ 1.3A
ST 7-88	DST 7-88	88V C.T. @ .4A	44V @ .8A
ST 7-120	DST 7-120	120V C.T. @ .3A	60V @ .6A