

Description

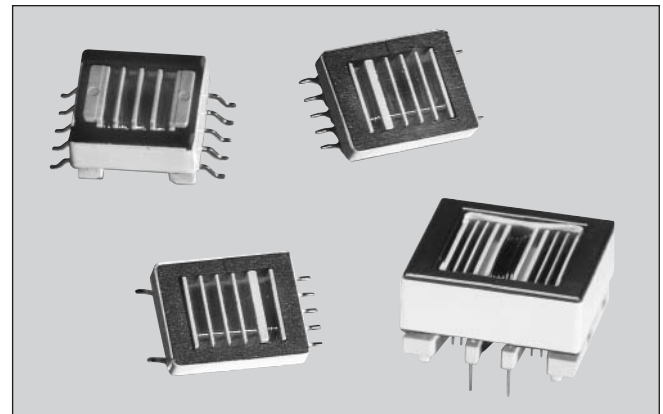
- Transformers for use in CCFL power supplies, available in through-hole and surface mount recess or gull wing versions, incorporating floating or fixed secondary technology
- Supply output current up to 30 milli-Amps
- Frequency range from 40 to 80 KHz
- Deliver output power from 2.5 to 14 Watts
- Operate in royer and other topologies

Applications

- CCFL power supplies

Environmental Data

- Storage temperature range: -40C to 85C
- Operating ambient temperature range: 0C to +70C
- Infrared reflow temperature: +240C for 30 seconds maximum



Packaging

- Supplied in bulk packaging

Part Number	Schematic Diagram	Pout Watts	Lp μ H ¹	DCRp Ohms Max	DCRs Ohms Max	TR Ns/Np	Vpri Volts Max ²	Vsec Volts Max ²	Is Max A rms	Vpri Abnormal ³	Vsec Abnormal ³	Mechanical Dimensions	PCB Pad Layout
2.5 WATT VERSIONS													
CTX110652	A	2.5	43	0.220	285	67	20	1340	.005	30	2000	A	A
CTX110655	B	2.5	43	0.220	285	67	20	1340	.005	30	2000	A	A
CTX110657	B	2.5	26	0.212	285	86	15	1340	.005	23	2000	A	A
CTX110659	B	2.5	19	0.190	285	100	13	1340	.005	23	2000	A	A
CTX210652	A	2.5	43	0.220	285	67	20	1340	.005	30	2000	B	B
CTX210655	B	2.5	43	0.220	285	67	20	1340	.005	30	2000	B	B
CTX210657	B	2.5	26	0.212	285	86	15	1340	.005	23	2000	B	B
CTX210659	B	2.5	19	0.190	285	100	13	1340	.005	23	2000	B	B
4 WATT VERSIONS													
CTX210403	C	4	44	0.220	165	50	26	1340	.007	40	2000	C	C
CTX210407	C	4	27	0.160	220	86	15	1340	.007	23	2000	C	C
CTX210409	C	4	20	0.160	220	100	13	1340	.007	23	2000	C	C
CTX210411	C	4	20	0.160	330	125	10	1340	.007	16	2000	C	C
CTX310403	C	4	44	0.220	165	50	26	1340	.007	40	2000	D	D
CTX310407	C	4	27	0.160	220	86	15	1340	.007	23	2000	D	D
CTX310409	C	4	20	0.160	220	100	13	1340	.007	23	2000	D	D
CTX310411	C	4	20	0.160	330	125	10	1340	.007	16	2000	D	D
6 WATT VERSIONS													
CTX110600	D	6	44	0.160	176	67	20	1340	.011	30	2000	E	E
CTX110603	C	6	44	0.160	132	50	26	1340	.011	40	2000	E	E
CTX110605	C	6	44	0.160	176	67	20	1340	.011	30	2000	E	E
CTX110607	C	6	27	0.132	176	86	15	1340	.011	23	2000	E	E
CTX110609	C	6	20	0.132	176	100	13	1340	.011	23	2000	E	E
CTX110611	C	6	20	0.132	291	125	11	1340	.011	16	2000	E	E
CTX210600	D	6	44	0.160	176	67	20	1340	.011	30	2000	F	C
CTX210603	C	6	44	0.160	132	50	26	1340	.011	40	2000	F	C
CTX210605	C	6	44	0.160	176	67	20	1340	.011	30	2000	F	C
CTX210607	C	6	27	0.132	176	86	15	1340	.011	23	2000	F	C
CTX210609	C	6	20	0.132	176	100	13	1340	.011	23	2000	F	C
CTX210611	C	6	20	0.132	291	125	11	1340	.011	16	2000	F	C
14 Watt Versions													
CTX410805	E	14	24	0.030	262	67	20	1340	.030	30	2000	G	F
CTX410807	E	14	16	0.024	272	86	15	1340	.030	23	2000	G	F
CTX410809	E	14	16	0.024	314	100	13	1340	.030	23	2000	G	F

¹Inductances are nominal values

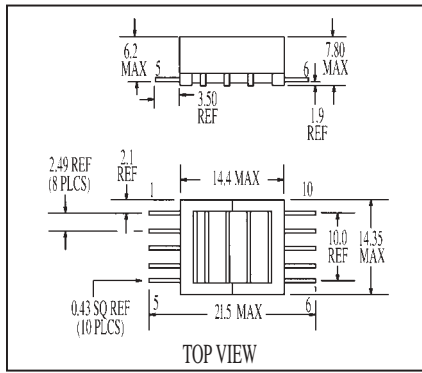
²Continuous RMS Voltage

³Maximum Instantaneous RMS Voltage

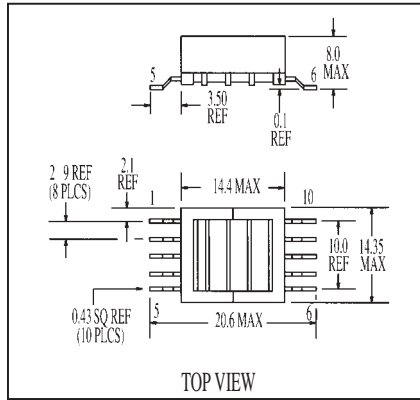
Mechanical Diagrams

2.5 Watt Versions

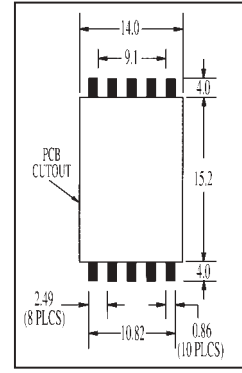
Mechanical A



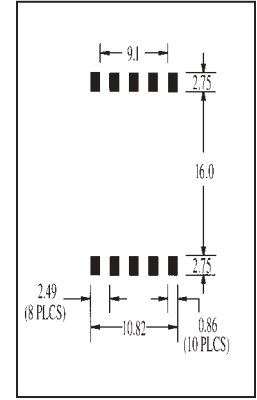
Mechanical B



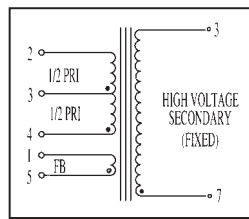
Pad Layout A



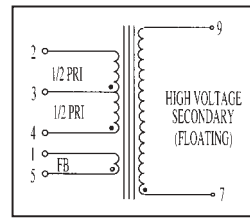
Pad Layout B



Schematic A



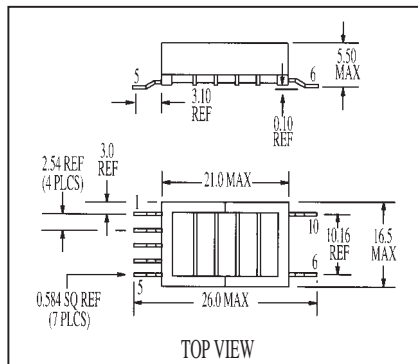
Schematic B



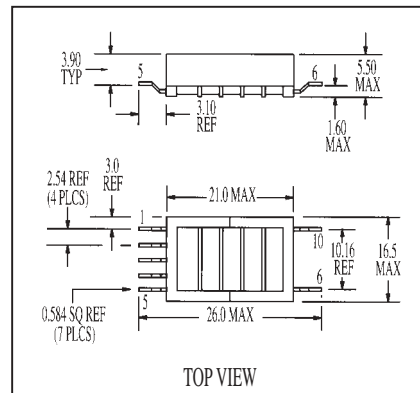
Dimensions are in millimeters

4 Watt Versions

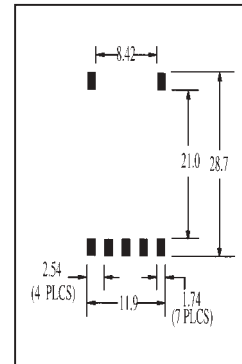
Mechanical C



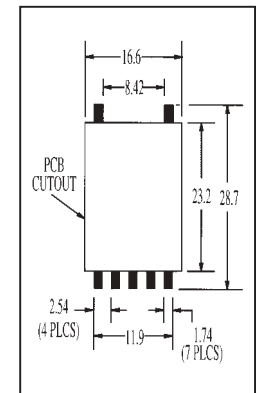
Mechanical D



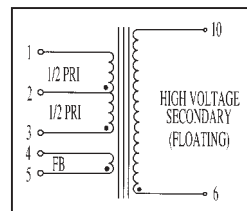
Pad Layout C



Pad Layout D



Schematic C

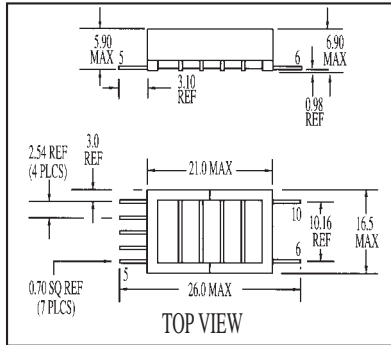


Dimensions are in millimeters

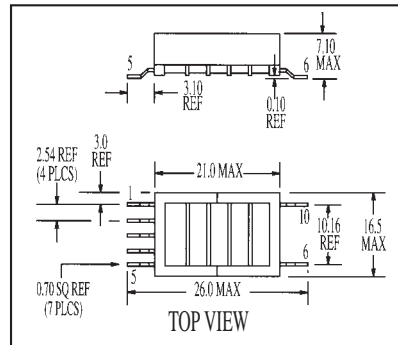
Mechanical Diagrams

6 Watt Versions

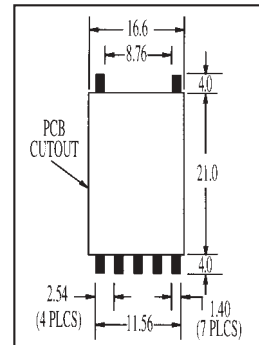
Mechanical E



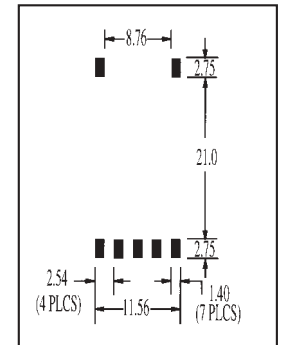
Mechanical F



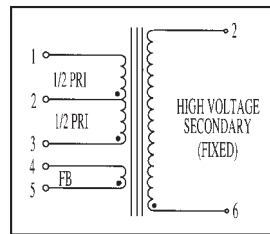
Pad Layout E



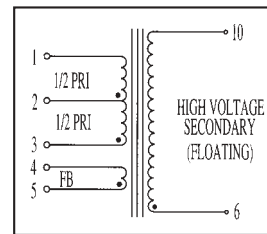
Pad Layout C



Schematic D



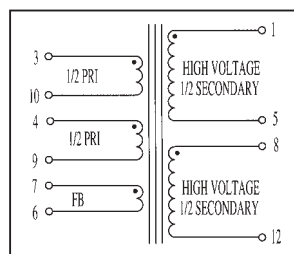
Schematic C



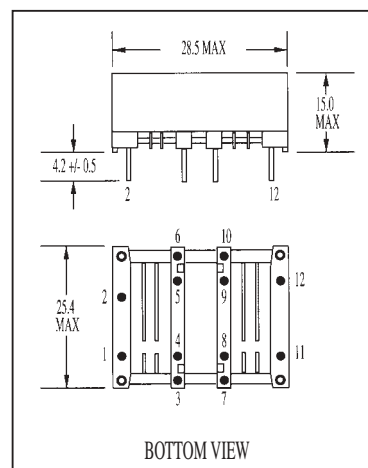
Dimensions are in millimeters

14 Watt Versions

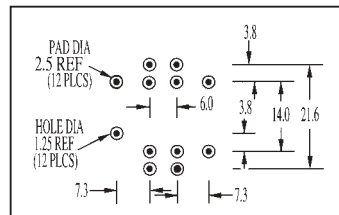
Schematic E



Mechanical G



Pad Layout F



Dimensions are in millimeters

