



CCFL TRANSFORMERS Cold Cathode Fluorescent Lamp Inverter Transformers

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
- Ferrite core material

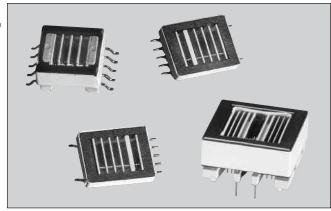
Applications

CCFL power supplies

Environmental Data

- Storage temperature range: -40°C to +85°C
- Operating ambient temperature range: 0°C to +70°C
- Solder reflow temperature: +260°C max. for 10 seconds max.





Packaging

· Supplied in bulk packaging

Part	Schematic	Pout	Lp	DCRp	DCRs	TR	Vpri	Vsec	Is Max	Vpri	Vsec	Mechanical		
Number	Diagram	Watts	μĤ¹	Ohms Max	Ohms Max	Ns/Np	Volts Max ²	Volts Max ²	A rms	Abnormal ³	Abnormal ³	Dimensions	Layout	
2.5 WATT VERSIONS														
CTX110652-R	Α	2.5	43	0.220	285	67	20	1340	.005	30	2000	Α	Α	
CTX110655-R	В	2.5	43	0.220	285	67	20	1340	.005	30	2000	Α	Α	
CTX110657-R	В	2.5	26	0.212	285	86	15	1340	.005	23	2000	Α	Α	
CTX110659-R	В	2.5	19	0.190	285	100	13	1340	.005	23	2000	Α	Α	
CTX210652-R	Α	2.5	43	0.220	285	67	20	1340	.005	30	2000	В	В	
CTX210655-R	В	2.5	43	0.220	285	67	20	1340	.005	30	2000	В	В	
CTX210657-R	В	2.5	26	0.212	285	86	15	1340	.005	23	2000	В	В	
CTX210659-R	В	2.5	19	0.190	285	100	13	1340	.005	23	2000	В	В	
4 WATT VERSIONS														
CTX210403-R	С	4	44	0.220	165	50	26	1340	.007	40	2000	С	С	
CTX210407-R	С	4	27	0.160	220	86	15	1340	.007	23	2000	С	С	
CTX210409-R	С	4	20	0.160	220	100	13	1340	.007	23	2000	С	С	
CTX210411-R	С	4	20	0.160	330	125	10	1340	.007	16	2000	С	С	
CTX310403-R	С	4	44	0.220	165	50	26	1340	.007	40	2000	D	D	
CTX310407-R	С	4	27	0.160	220	86	15	1340	.007	23	2000	D	D	
CTX310409-R	С	4	20	0.160	220	100	13	1340	.007	23	2000	D	D	
CTX310411-R	С	4	20	0.160	330	125	10	1340	.007	16	2000	D	D	
6 WATT VER	6 WATT VERSIONS													
CTX110600-R	D	6	44	0.160	176	67	20	1340	.011	30	2000	Е	Е	
CTX110603-R	С	6	44	0.160	132	50	26	1340	.011	40	2000	Е	Е	
CTX110605-R	С	6	44	0.160	176	67	20	1340	.011	30	2000	Е	E	
CTX110607-R	С	6	27	0.132	176	86	15	1340	.011	23	2000	Е	E	
CTX110609-R	С	6	20	0.132	176	100	13	1340	.011	23	2000	Е	E	
CTX110611-R	С	6	20	0.132	291	125	11	1340	.011	16	2000	E	E	
CTX210600-R	D	6	44	0.160	176	67	20	1340	.011	30	2000	F	С	
CTX210603-R	С	6	44	0.160	132	50	26	1340	.011	40	2000	F	С	
CTX210605-R	С	6	44	0.160	176	67	20	1340	.011	30	2000	F	С	
CTX210607-R	С	6	27	0.132	176	86	15	1340	.011	23	2000	F	С	
CTX210609-R	С	6	20	0.132	176	100	13	1340	.011	23	2000	F	С	
CTX210611-R	С	6	20	0.132	291	125	11	1340	.011	16	2000	F	С	
	14 Watt Versions													
CTX410805-R	Е	14	24	0.030	262	67	20	1340	.030	30	2000	G	F	
CTX410807-R	Е	14	16	0.024	272	86	15	1340	.030	23	2000	G	F	
CTX410809-R	Е	14	16	0.024	314	100	13	1340	.030	23	2000	G	F	

¹Inductances are nominal values

² Continuous RMS Voltage

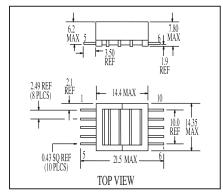
³ Maximum Instantaneous RMS Voltage



Mechanical Diagrams

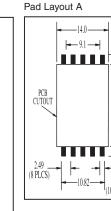
2.5 Watt Versions

Mechanical A

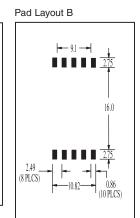


Mechanical B 8.0 MAX 2.49 REF (8 PLCS)

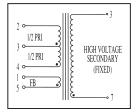
TOP VIEW

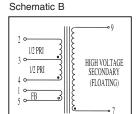


15.2



Schematic A

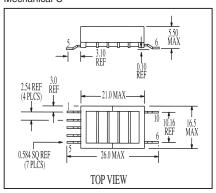




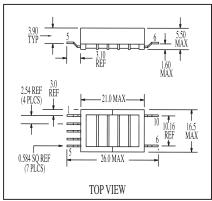
Dimensions are in millimeters

4 Watt Versions

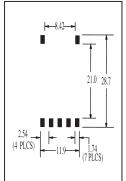
Mechanical C



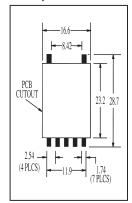
Mechanical D



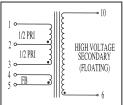
Pad Layout C



Pad Layout D



Schematic C

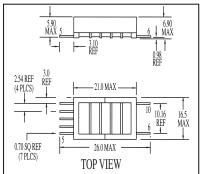




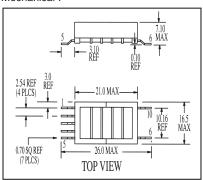
Mechanical Diagrams

6 Watt Versions

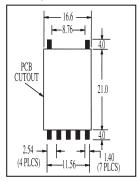




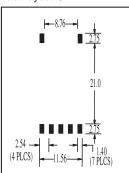
Mechanical F



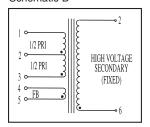
Pad Layout E



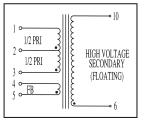
Pad Layout C



Schematic D



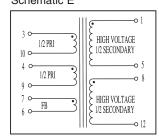
Schematic C



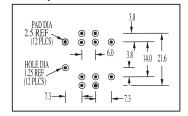
Dimensions are in millimeters

14 Watt Versions

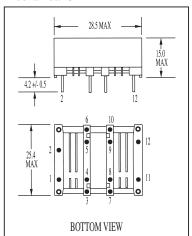
Schematic E



Pad Layout F



Mechanical G







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