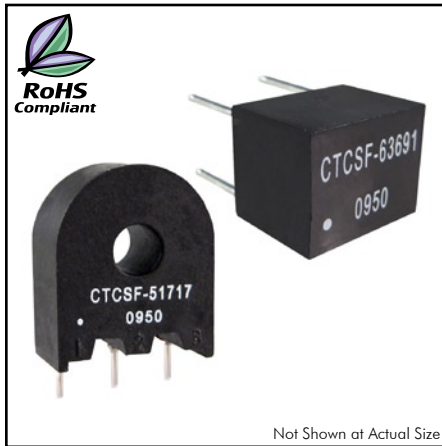


CTCSF Series



CHARACTERISTICS

Description: Through-hole current sense transformers and inductors.

Packaging: Bulk

Miscellaneous: RoHS Compliant.

Additional Information: Additional electrical & physical information available upon request.

Samples available. See website for ordering information.

FEATURES

- Designed for switching power supply applications.
- Transformer meets IEC950 insulation requirements.
- Frequency range from 20KHz to 200KHz
- Electrical specifications at 25°C

SPECIFICATIONS

Part Number	Schematic Figure	Turns NS	Secondary Inductance mH (Min.)	Secondary Inductance Test Voltage (15.75KHz)	RS Ω (Max.)	RT Ω (Nom.)	Primary Unipolar Amp μ sec Rating (Max.)	Primary Bipolar Amp μ sec Rating (Max.)	Figure	Operating Temp.
CTCSF-51686	A	50	5.0	0.5	0.7	50	150	300	2	0°C to +70°C
CTCSF-51687	A	100	20.0	1.0	1.40	100	300	600	2	0°C to +70°C
CTCSF-51688	A	200	80.0	2.0	4.50	200	600	1200	2	-40°C to +85°C
CTCSF-51717	B	50CT	5.0	0.5	0.7	50	150	300	2	-40°C to +85°C
CTCSF-51718	B	100CT	20.0	1.0	1.40	100	300	600	2	0°C to +70°C
CTCSF-51719	B	200CT	80.0	2.0	4.50	200	600	1200	2	-40°C to +85°C
CTCSF-64487	C	100	20.0	1.0	1.40	100	300	600	1	-40°C to +85°C
CTCSF-64488	C	200	80.0	2.0	4.50	200	600	1200	1	-40°C to +85°C
CTCSF-64517	D	50CT	5.0	0.5	0.7	50	150	300	1	-40°C to +85°C
CTCSF-64518	D	100CT	20.0	1.0	1.40	100	300	600	1	-40°C to +85°C
CTCSF-64519	D	200CT	80.0	2.0	4.50	200	600	1200	1	-40°C to +85°C
CTCSF-63586	E	50	5.0	0.5	0.7	50	150	300	1	0°C to +70°C
CTCSF-63587	E	100	20.0	1.0	1.40	100	300	600	1	-40°C to +85°C
CTCSF-63588	E	200	80.0	2.0	4.50	200	600	1200	1	-40°C to +85°C
CTCSF-63618	F	100CT	20.0	1.0	1.40	100	300	600	1	-40°C to +85°C
CTCSF-63619	F	200CT	80.0	2.0	4.50	200	600	1200	1	-40°C to +85°C
CTCSF-63691	F	300CT	180.0	3.0	11.0	300	900	1800	1	-40°C to +85°C

PHYSICAL DIMENSIONS

Unit: inches/mm Figure 1

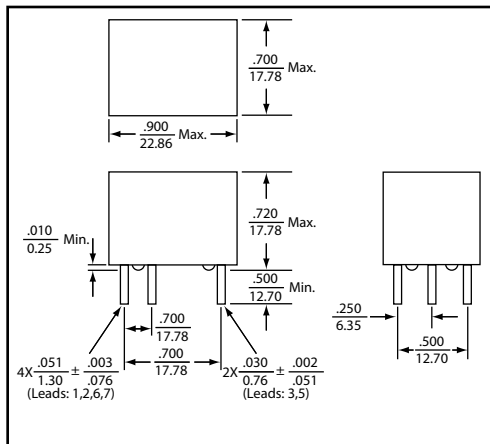
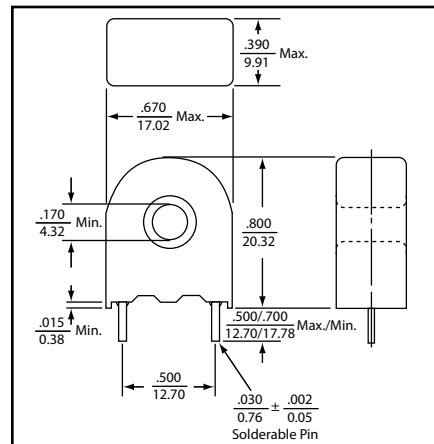
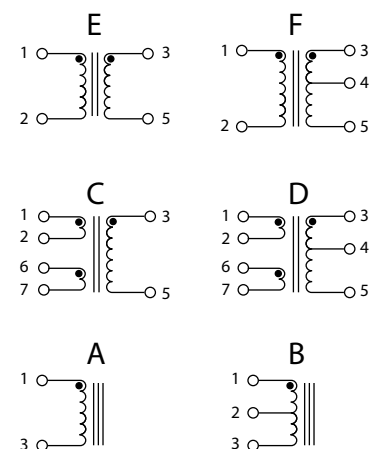


Figure 2



Schematic



Notes:

1. Unless otherwise specified, all tolerances are $\pm .005/\pm 0.13$