



THOUGH HOLE CURRENT SENSE TRANSFORMERS AND INDUCTORS

FEATURES

- Designed For Switching Power Supply Applications.
- Transformer Meets Iec950 Insulation Requirements
- Frequency Range From 20khz To 200khz
- Recognized By UL 60950-1

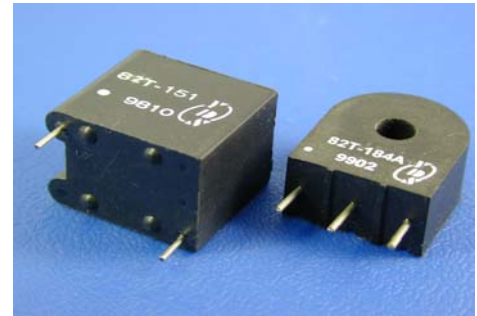
TEST CONDITIONS

- Inductance -----10KHz/500mV

Part Number:

ICI82T-502 A NL
A B C D

A:Series
B:Inductance
C:Schematics
D:RoHS Version

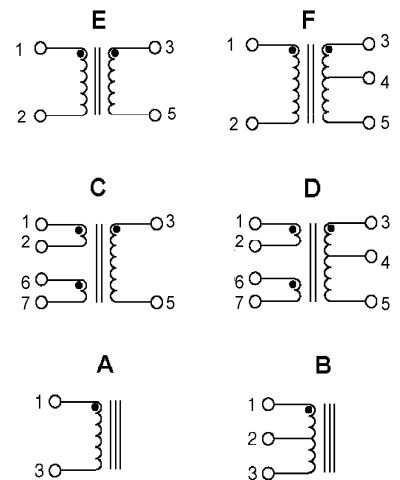
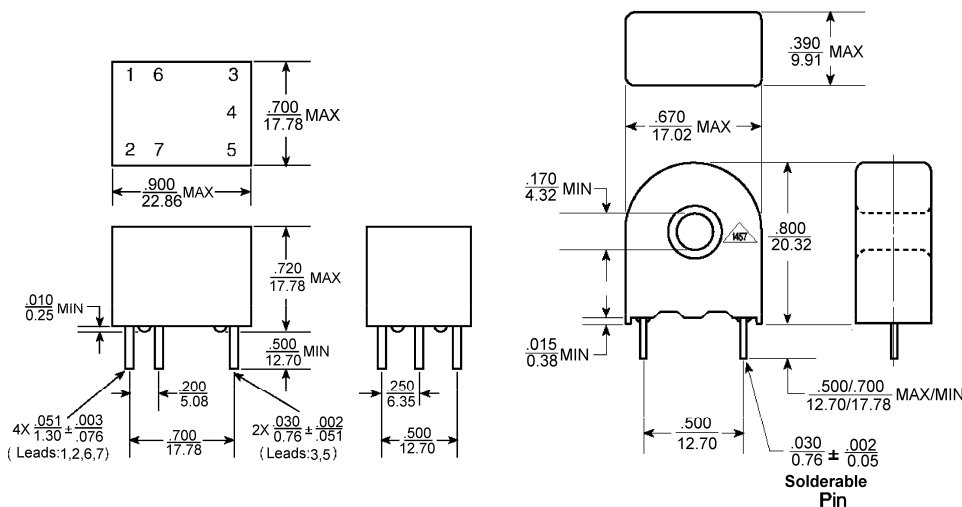


ELECTRICAL SPECIFICATIONS @25°C-Operating temperature -30°C TO +130°C

PART NUMBER	SCHEM 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)
ICI82T-502A	A	50	5.0	0.5	0.7	50	150	300
ICI82T-203A	A	100	20.0	1.0	1.40	100	300	600
ICI82T-803A	A	200	80.0	2.0	4.50	200	600	1200
ICI82T-502B	B	50CT	5.0	0.5	0.7	50	150	300
ICI82T-203B	B	100CT	20.0	1.0	1.40	100	300	600
ICI82T-803B	B	200CT	80.0	2.0	4.50	200	600	1200
ICI82T-184B	B	300CT	180.0	3.0	11.0	300	900	1800
ICI82T-203C	C	100	20.0	1.0	1.40	100	300	600
ICI82T-803C	C	200	80.0	2.0	4.50	200	600	1200
ICI82T-502D	D	50CT	5.0	0.5	0.7	50	150	300
ICI82T-203D	D	100CT	20.0	1.0	1.40	100	300	600
ICI82T-803D	D	200CT	80.0	2.0	4.50	200	600	1200
ICI82T-502E	E	50	5.0	0.5	0.7	50	150	300
ICI82T-203E	E	100	20.0	1.0	1.40	100	300	600
ICI82T-803E	E	200	80.0	2.0	4.50	200	600	1200
ICI82T-502F	F	50CT	5.0	0.5	0.7	50	150	300
ICI82T-203F	F	100CT	20.0	1.0	1.40	100	300	600
ICI82T-803F	F	200CT	80.0	2.0	4.50	200	600	1200
ICI82T-184F	F	300CT	180.0	3.0	11.0	300	900	1800

MARKINGS AND DIMENSIONS

SCHEMATICS



Dimensions:inches/mm

Unless otherwise specified, all tolerances are ±.005/±0.13