

CURRENT SENSE TRANSFORMERS

- Primary furnished.
- Designed for switching power supply applications.
- 3750 Vrms primary to secondary HI-POT
- Frequency range from 10KHZ to 200KHZ
- Encapsulated construction.

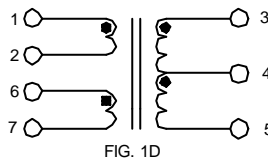
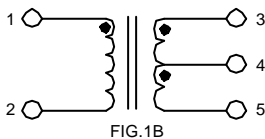
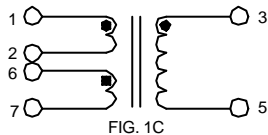
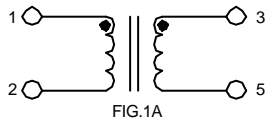
ELECTRICAL SPECIFICATIONS @25°C

Model Number Transformer With 2-1T Primary	Schematic Figure	Model Number Transformer With 1T Primary	Schematic Figure	Secondary Turns	Secondary Inductance (mH)Min.	Secondary Inductance Test Voltage 15.75 KHz	Secondary DCR (ohms)Max	Secondary Rated Terminating Resistance (ohms)Nom	Primary Unipolar (Amp-μs) Rating Max.	Primary Bipolar (Amp-μs) Rating Max.	1 Turn Primary Peak Sense Current (Amps)
UT33486	1C	UT33586	1A	50	5.0	0.5	0.7	50	150	300	20
UT33487	1C	UT33587	1A	100	20.0	1.0	1.40	100	300	600	20
UT33488	1C	UT33588	1A	200	80.0	2.0	4.50	200	600	1200	20
UT33489	1C	UT33690	1A	300	180.0	3.0	11.0	300	900	1600	20
UT33517	1D	UT33617	1B	50CT	5.0	0.5	0.7	50	150	300	20
UT33518	1D	UT33618	1B	100CT	20.0	1.0	1.40	100	300	600	20
UT33519	1D	UT33619	1B	200CT	80.0	2.0	4.50	200	600	1200	20
UT33520	1D	UT33621	1B	300CT	180.0	3.0	11.0	300	900	1800	20

* For RoHS compliant products, a.)The Ordering Code: TG-Model No. ex. TG-UT33486
b.) Solder : Sn/ Cu; c.)Date Code suffix to "G" (xxxxG)



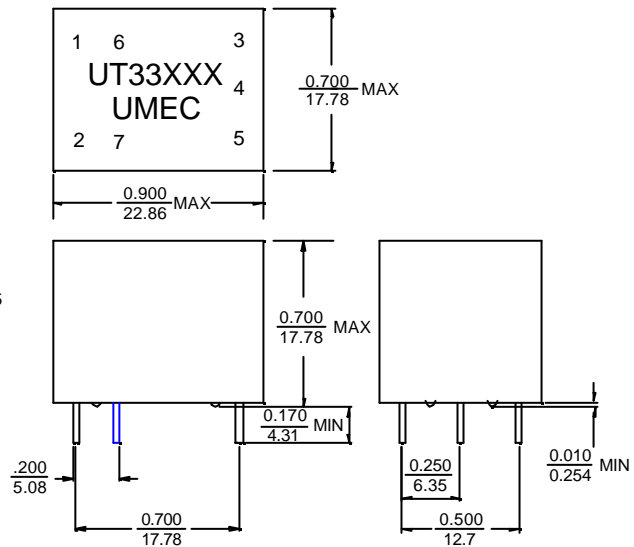
TRANSFORMER



LEAD (1,2,6 & 7) = .051+.003 DIA

LEAD (3 & 5) = .030+.002 DIA

$\frac{.XXX \pm .010}{.XX \pm .25}$ inches/mm



*Specifications are subject to change without prior notice.

DATA SHEET 01-33 FEB./06
1 OF 1



UNIVERSAL MICROELECTRONICS CO.,LTD.
TEL:886-4-23590096 FAX:886-4-23590129

3,27TH RD.,TAICHUNG INDUSTRIAL PARK,
TAICHUNG,TAIWAN,R.O.C