

Planar Transformer(PT160)



- Core Size : ER20P
- Rated Power : 160W
- Dielectric strength : 1500Vrms
- Operating Temperature : -40°C ~ 125°C
- Application : high current power supply

ELECTRICAL SPECIFICATIONS @25°C

Model No.	Primary turns		Primary inductance min(μH)	Leakage inductance max(μH)	DCR max(mOhms)			Volt-time product typ(Vusec)
	N1	N2			Primary(N1)	Primary(N2)	Secondary	
UT58016□	4	4	246	0.35	14.7	14.7	6.8	165
UT58017□	4	5	312	0.40	14.7	18.5	6.8	185
UT58018□	5	5	378	0.55	18.5	18.5	6.8	206
UT58019□	5	6	449	0.6	18.5	21.5	6.8	227
UT58020□	6	6	534	0.8	21.5	21.5	6.8	247

NOTE :

1. For RoHS compliant products,
 - a.) Ordering code (Manufacturer Part Number): EX. TG-UT58016
 - b.) Solder : Sn/Ag/Cu;
 - c.) Date Code suffix to "G"
2. Inductance measured on an Agilent/HP 4284 between pins 2 and 5 with pin3 and 4 shorted at 200 kHz, 0.5 Vrms, 0 Adc.
3. Leakage inductance measured between pins 2 and 5 with pin3, 4 and all secondary pins shorted at 200 kHz, 0.5 Vrms, 0 Adc.
4. DCR for secondary is measured between pins 7 and 11.
5. Volt-time product is based on primary windings connected in series.
6. Electrical specifications at 25°C.
7. To order a transformer with an optional auxiliary winding, add an "□" after the UT58016, e.g. UT58016A. (auxiliary winding □=A=2turns, □=B=3turns, □=C=4turns, □=D=5turns, □=E=7turns, □=F=9turns.)
8. UT58016~20 Secondary current 15 A.

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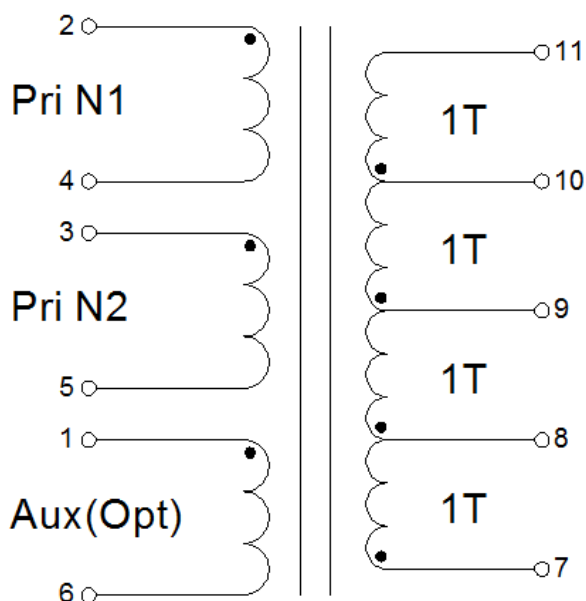
Tél. 01 47 95 99 89
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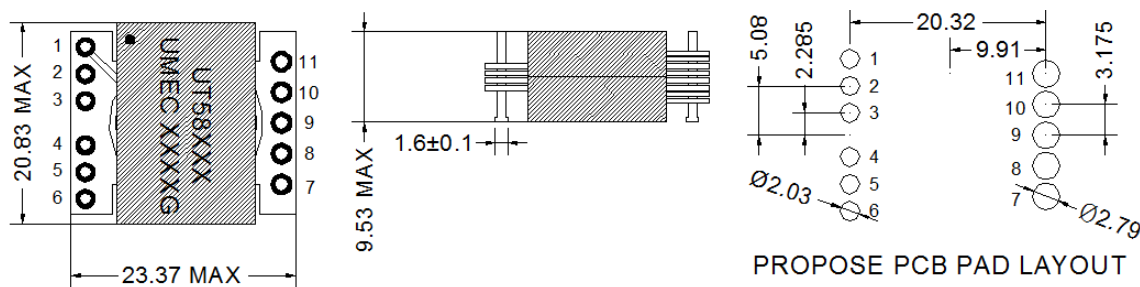
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SCHEMATICS



DIMENSIONS



*Specifications are subject to change without prior notice.

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