

Componenti induttivi su specifica

Per soddisfare qualunque esigenza non coperta dalla vasta gamma di prodotti standard disponibili a catalogo, UTK Component progetta e produce componenti induttivi su specifica, mettendo a disposizione del cliente la propria esperienza, competenza tecnologica ed il proprio staff di progettazione.

Nel seguito è riportata una scheda tecnica con i parametri di riferimento necessari per la progettazione su specifica di trasformatori di impulso e di pilotaggio, trasformatori amperometrici, trasformatori ed induttori per switching, trasformatori ed induttori di potenza. E' possibile richiedere l'esecuzione di prodotti speciali compilando il relativo modulo e fornendo lo schema circuitale dell'applicazione.

Power conversion transformers

Data sheet

Switching power supply circuit used

Primary voltage (Vdc)

min.:

max.:

Primary inductance (mH)

Tolerance on inductance (%)

Primary current r.m.s. (mA)

Max primary over current (mA)

Working frequency (kHz)

Switching time (µs)

ton max.:

ton min.:

Rated power (W)

For each secondary

1

2

3

4

Peak voltage (V)

Peak current (A)

RMS current (A)

Turns ratio

Output power (W)

Working voltage between different windings (V)

Test voltage between different windings (V)

Operating temperature (°C)

Open construction or box version

Size limitations (mm)

Standards to comply with

Quantity

Target price

50/60 Hz Current transformers

Data sheet

Primary current r.m.s. (mA)	_____
Max primary over current (mA)	_____
Working frequency (kHz)	_____
Secondary inductance (mH)	_____
Load resistance (Ω)	_____
Accuracy (%)	_____
Working voltage between primay and secondary (V)	_____
Test voltage between primay and secondary (V)	_____
Operating temperature ($^{\circ}\text{C}$)	_____
Size limitations (mm)	_____
Passing through hole model (show the dimensions)	_____
Inside primary wire model	_____
Standards to comply with	_____
Quantity	_____
Target price	_____

HF Current sense transformers

Data sheet

Primary current r.m.s. (mA)	_____
Max primary over current (mA)	_____
Working frequency (kHz)	_____
Secondary inductance (mH)	_____
Load resistance (Ω)	_____
Primary vs. secondary current linearity (%)	_____
Working voltage between primay and secondary (V)	_____
Test voltage between primay and secondary (V)	_____
Operating temperature ($^{\circ}\text{C}$)	_____
Size limitations (mm)	_____
Passing through hole model (show the dimensions)	_____
Inside primary wire model	_____
Standards to comply with	_____
Quantity	_____
Target price	_____

Pulse and drive transformers

Data sheet

Turns ratio	_____
Min. voltage time area at winding (μVs)	_____
Primary inductance (mH)	_____
Tolerance on inductance (%)	_____
Primary current r.m.s. (mA)	_____
Max. primary over current (mA)	_____
Working frequency (kHz)	_____
Max. coupling capacity between windings (pF)	_____
Max. admitted value of leakage inductance (μH)	_____
Working voltage between different windings (V)	_____
Test voltage between different windings (V)	_____
Operating temperature ($^{\circ}\text{C}$)	_____
Size limitations (mm)	_____
Standards to comply with	_____
Quantity	_____
Target price	_____

Inductors

Data sheet

Inductance value at nominal rated current (μH)	_____
Tolerance on inductance (%)	_____
Rated current r.m.s. (mA)	_____
Max. over current (mA)	_____
Working voltage (V)	_____
Working frequency (kHz)	_____
Rated power (W)	_____
Operating temperature ($^{\circ}\text{C}$)	_____
Open construction or box version	_____
Size limitations (mm)	_____
Standards to comply with	_____
Quantity	_____
Target price	_____