

LLC Resonance Power Transformer Specification Request Form

Issued on _____

1. **Company name** _____

Address _____

2. **Department, applicant's name**

Name: _____

TEL/FAX: _____

E-mail: _____

3. **Input specifications**

AC input voltage: Rated _____ (V) to _____ (V) Operating range: _____ (V) to _____ (V)

DC input voltage: Rated _____ (V) to _____ (V) Operating range: _____ (V) to _____ (V)

Frequency _____ (Hz) Minimum operating input voltage: _____ (Hz)

4. **Design condition**

(1) Clock frequency Lowest frequency to Highest frequency: _____ to _____ (kHz)

	Min.	Typ.	Max.
(2) Secondary-side output voltage _____ (V) ± _____ (V)	_____ (A) to _____ (A)	_____ (A) to _____ (A)	_____ (A) to _____ (A)
_____ (V) ± _____ (V)	_____ (A) to _____ (A)	_____ (A) to _____ (A)	_____ (A) to _____ (A)
_____ (V) ± _____ (V)	_____ (A) to _____ (A)	_____ (A) to _____ (A)	_____ (A) to _____ (A)

(3) Rated output power/Maximum peak power _____ (W) / _____ (W)

(4) Overcurrent point condition (ex.: 130% of the rated output power in (3) above) _____ (%)

(5) Operating temperature range _____ (°C) to _____ (°C)

(6) Maximum temperature rise ΔT _____ (°C)

Condition in temperature evaluation (ex.: minimum input, rated load) _____

(7) Auxiliary winding Yes No

Number of windings _____ (Windings)

Desired voltage value and current _____ (V) to _____ (mA)

Necessity of insulation Functional insulation Reinforced insulation

(8) Circuit diagram (If you desire any pin number, attach a circuit diagram.) Yes No

5. **Inductance value for reference**

Primary-side self-inductance: _____ μ(H) Leakage inductance: _____ μ(H)

6. **Desired core size and external size**

Core size: _____ External size L: _____ W: _____ H(Height from the board): _____ mm max.

7. **Safety standard compliance**

Electrical Appliances and Material Safety Act, Appendix 8 UL _____ Others _____

IEC _____ CSA _____

Application for the transformer Yes* Set purchase No (* Please bear in mind that the application fee may be borne by the customer.)

Insulation type Basic insulation Reinforced insulation Double insulation Other ()

Pollution degree 1 2 3 (If not specified, design will be performed with a pollution degree of 2.)

8. **Safety distance** (Please enter the distance prescribed by the company.)

Primary - secondary: _____ mm or greater Primary - primary: _____ mm or greater Primary - core: _____ mm or greater

Secondary - secondary: _____ mm or greater Secondary - core: _____ mm or greater

9. **Withstand voltage** (Please enter the voltage prescribed by the company.)

Primary - secondary: AC _____ (V) _____ (min) _____ (mA) Primary - core: AC _____ (V) _____ (min) _____ (mA)

Primary - primary: AC _____ (V) _____ (min) _____ (mA) Secondary - core: AC _____ (V) _____ (min) _____ (mA)

Secondary - secondary: AC _____ (V) _____ (min) _____ (mA)

10. **IC expected to be used**

Manufacturer name: _____ Product No.: _____

11. **Production quantity information**

Final set name: _____ Desired price/Currency: _____

Acceptance conditions of the above price (F.O.B, C.I.F, D.D.U, D.D.P etc.): _____

Production volume: _____ k/M Production start period: _____ Production place: _____

Prototyping time: (ES1) _____ (ES2) _____ (PP1) _____ (PP2) _____ (MP1) _____

12. **Sample information**

Required sample quantity _____ pcs. Requested delivery time: _____

13. **If there are any other requests (priorities in the company, size or price, etc.) or alterable items, please provide a description.**

Person in Charge from Sales Promotion Dep.: _____	Recorded Date _____
Person in Charge from Sales Dep.: _____	Recorded Date _____
Prototype No: _____	Recorded Date _____