

DESIGN SPECIFICATION FORM

Date : / /

Page N° : /

FLYBACK TRANSFORMERS

Company name : Project :

Product reference : Yearly Quantities :

MODE : ☐ CONTINUOUS ☐ DISCONTINUOUS ☐ OTHERS

Power value for switching from discontinuous to continuous mode : (W)

Switching frequency : (Hz) Max. peak primary current : (Ap)

Magnetizing Inductance : (μ H)

Vp Max. Primary voltage : (V) Vp Min. : (V)

Duty cycle Max. : (%) Duty cycle Min. : (%) Chip duty cycle Max : (%)

RECTIFIED VOLTAGE (V_{DC}) : Vs 1 : Vs 2 : Vs 3 : Vs 4 : Vs 5 :

CURRENT (I_{DC}) : Vs 1 : Vs 2 : Vs 3 : Vs 4 : Vs 5 :

Diode voltage drop : (V)

DIELECTRIC WITHSTANDING VOLTAGE : Prim./Sec. : (V) Sec./Sec. : (V)
Indicate if RMS or DC

Insulation resistance : Prim./Sec. : (Ω) Sec./Sec. : (Ω)

Winding/Shields : (V) Winding/Ground : (V)

MAXIMUM DIMENSION : Length : (mm) Width : (mm) Height : (mm)

Finishing : ☐ Case ☐ Molding
☐ None ☐ Impregnation

MARKING : WEIGHT : (g)

MECHANICAL DRAWING

LAYOUT



GENERAL INPUTS REQUIRED FOR A CUSTOM REQUEST

Company : Project :

Address :

Sales Contact :

Ms/Mr. **Tel. :** **Email :**

Technical Contact :

Ms/Mr. **Tel. :** **Email :**

MARKET : ☐ SPACE ☐ COMMERCIAL AVIONICS ☐ MILITARY AVIONICS ☐ DEFENSE
☐ DOWNHOLE ☐ RAILWAYS ☐ INDUSTRY ☐ MEDICAL

Applied Standards {ESA, Mil, ...} :

RoHS Statues : ☐ Non RoHS ☐ RoHS

Outgassing Satus :

Environmental Constraints :

Ambient Temperature Range (°C) : Min. : Max. :

Storage Temperature (°C) : Min. : Max. :

VRT-Thermal shocks :

Moisture :

Salt Spray Resistance :

Fungi Resistance :

Other {specify} :

MECHANICAL CONSTRAINTS : ☐ Shocks ☐ Vibration ☐ Robustness of connections

Partial Discharge : [pC]

MOUNTING : ☐ SMD ☐ TH ☐ Wire
☐ Other {specify} :

PACKING : ☐ Individual package ESD : ☐ Yes ☐ No

☐ Tray

☐ Reel

☐ Other {specify} :