

Champs-Tech ER80 Size PSFB: FWCT + Current Doubler Transformers



General Notes:

1. Proven in actual PSFB to Current Doubler and FWCT configured DC-DC converter applications.
2. Adding effective thermal conduction with thermal pads in combination with heat sinks and clamps allows for higher power throughput at rated ambient and hot spot temperatures.
3. Size: 31.8mm wide x 36.8 mm length x 12-15 mm Height
4. Multilayer PCB optimization for lowest AC resistance & Proximity Loss Effect
5. Integer Turns available from 1T to 40T. Can be used as Primary or Secondary. Mechanical configuration and outline allow for a “flex” arrangement. Contact factory for information on any power topology design.
6. All designs can be supplied with planar windings embedded in the pcb of the Main Module of the converter. Heat Sink and installed power components SM assembly and installation and incorporation into a module are also available.
7. Wide variety of PNs, Designs and Turns Ratios in stock. If not listed, Contact Us
8. Surface Mount, Thru-Hole, Pad-to-Pad, Embedded Planar Windings as Options

ER80 PSFB Series Catalog

1. Output Power 200-1000W.

Champs PN	Vin (Min)	Vin (Max)	Vout	Iout (A dc)	Pout (Watts)	Freq (KHz)	Full Period Duty
80R6-120101-8P	160	230	12	20	200	200	92.7%

