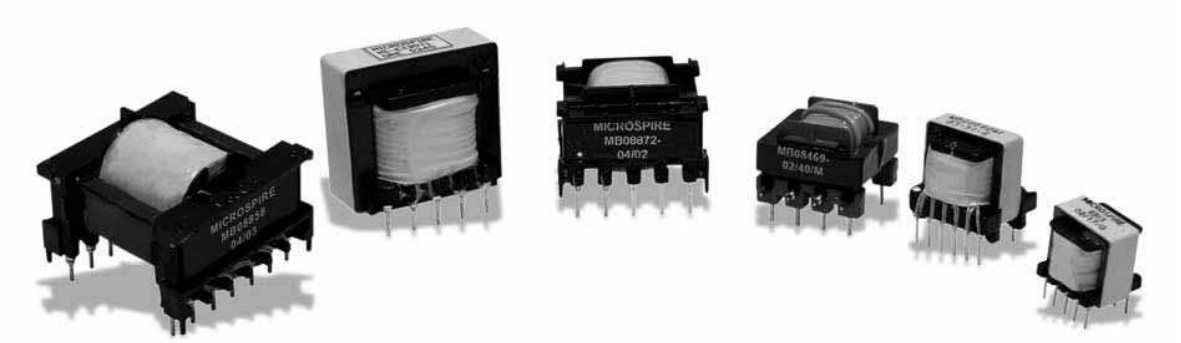
Flyback Safety Insulating Transformers FSIT Series



Package	Output Power (W)	Max Dimensions (LxWxH in mm)	Number of pins (through hole)	Connected ICs
FSIT 13	0-6	16 x 15 x 15,5	2 x 5	LNK501, TNY253-254-255, TNY264P/G, TOP242P/G, ICE3A/B0365, VIPer12A, NCP1200
FSIT 16	0-10	19 x 17 x 19,5	6 + 4	LNK501, TNY253-254-255, TNY264-266P/G, TOP242P/G, ICE3A/B0365, VIPer12A-20A, NCP1200
FSIT 20	10-20	22 x 21,5 x 16,5	2 x 4	TOP242-243Y/F, ICE3A/B1065-1565, VIPer22A-50A, NCP1200
FSIT 20.1	10-20	22 x 21,5 x 17	2 x 5	TOP242-243Y/F, ICE3A/B1065-1565, VIPer22A-50A, NCP1200
FSIT 25	20-35	28 x 28,5 x 20,5	2 x 5	TOP242-244Y/F, ICE3A/B2065-2565, VIPer50A-53-100A, NCP1200
FSIT 29	35-70	35,5 x 35,5 x 25,5	6 + 7	TOP244-245-246Y/F, ICE3A/B3065-4065P, VIPer100A, NCP1200

- Thermal index according to IEC85 : from* class A (105 °C) to F (155 °C)

Other packages and connections available on demand according to your specification for power range up to 250 W

- Applied standards : EN60950-1, EN61558-1 / -2-17, EN60335-1, EN60065
- Materials meet UL94-V0 rating
- Ambiant temperature range : -25 °C +50 °C (+70 °C / +85 °C**)
- Storage temperature range : -40 °C +85 °C
- Associated to latest generation ICs, they replace with competitive pricing and lower size old linear power supplies
- Six standard packages for catalog or custom designs
- Compliant with basic/supplementary to reinforced insulation from the mains according to common applied standards
- Optimized construction of primary winding for low switching losses and low EMI
- Low leakage inductance for improved converter efficiency
- Utilization of triple insulated wire and high performance ferrites
- Increased performances based on optimized designs on accurate automatic software tools linked to transformer datasheets proposed by ICs manufacturers
- Manufacturing in low-cost country

Our transformers can be associated to input common mode filtering chokes and output filtering chokes

* Depending on winding technique used for insulation requirements
** Depending on component heating and thermal class

Packaging to be defined according to batch size.