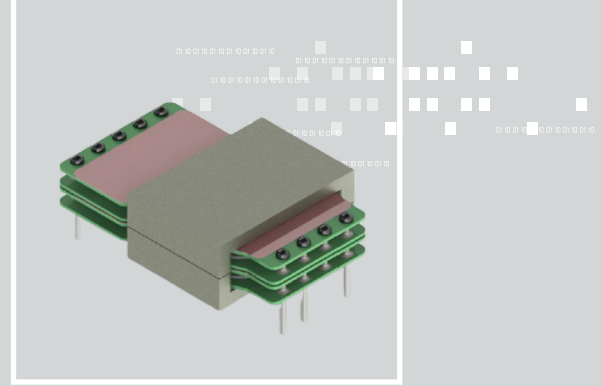


FLYT-014

Flyback Tr. 645uH 32:3:2+4

INDUCTIVE COMPONENTS / FLYBACK TRANSFORMER



APPLICATIONS

- › Medical and industrial applications

01 FEATURES

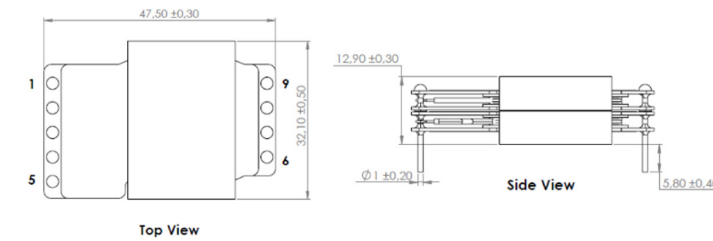
- › DCM Flyback
- › Input Voltage 300 to 400 Vdc
- › Output Voltage (Sec 1 + Sec2) 25 Vdc / 1,80 A
- › Auxiliary 15 Vdc / 5 mA
- › Switching Frequency 130 kHz

02 OPERATION

- › Operating temperature -50/+85°C
- › ESTIMATED TOTAL LOSSES (@ 100°C):
- › Copper losses (DC) 1,50 mW
- › Core losses 0,50 W
- › Total losses 2 W

03 SPECIFICATIONS

DIMENSIONS (mm)



ELECTRICAL DIAGRAM

ELECTRICAL SPECIFICATIONS

MAG. INDUCTANCE at 25°C

L(1,3)	645 uH ± 10%
--------	--------------

LEAKAGE INDUCTANCE

PRIMARY (1,3 - 5,6 shorted)	7 uH MAX
-----------------------------	----------

DIELECTRIC STRENGTH

Between PRI - AUX (1-3, 4,5) and Sec (6,9)	2kV (50/60Hz; 1 mA; 2 sec)
Between PRI (1,3) and CORE	1KV (50/60Hz; 1 mA; 2 sec)
Between PRI (6,9) and CORE	1KV (50/60Hz; 1 mA; 2 sec)

TURN RATIO (10kHz/1Vac)

PRIM : AUX : SEC	32 : 3 : 2 + 4
------------------	----------------