FLYT-004
Flyback Tr. 17.5 µH 2:1:1:1:1:1

FEATURES

> Quasi-resonant Mode Fly-back
> Switching Frequency 50kHz – 300kHz
> Duty cycle 85% MAX
> Total output power Approx. 10 W (nominal)
> Weight: approx 33g

APPLICATIONS

> Automotive EV/PHV AC/DC onboard battery chargers

OPERATION

> Operating temperature -40/+125°C
> Total losses 510 mW

SPECIFICATIONS

MAG. INDUCTANCE at 25°C
L1,3-2,4                  17.5 µH TYP (19.6 µH MAX)
LEAKAGE INDUCTANCE
PRI B1(1,3-2,4)           300 nH MAX
DC RESISTANCE at 25°C
B1, Pins (1,3) shorted and (2,4) shorted
B2, Pins 5 to 6           33 mΩ Typ (38 mΩ Max)
B3, Pins 9 to 10
B4, Pins 11 to 12
B5, Pins 15 to 16
B6, Pins 19 to 20
TURN RATIO (10kHz/1Vac)
B1(Blu/Blb) : B2 : B3 : B4 : B5 : B6

ELECTRICAL DIAGRAM