

1892 SERIES

CORE SIZE ETD49 300 ÷ 800W

LLC RESONANT SWITCH MODE TRANSFORMER

MAIN FEATURES

- ✓ LEAKAGE INDUCTANCE INTEGRATED
- ✓ REINFORCED INSULATION CLASS II (4kV)
- ✓ CLASS "F" INSULATION SYSTEM RECOGNIZED
- ✓ ACCORDING TO UL94-V0 LISTED MATERIALS
- ✓ ACCORDING TO EN 61558-2-16
- ✓ COMPATIBLE WITH:

STM: L6585, L6598, L6599, L6699

FAIRCHILD: FANxxxx, FLSxxxx, FSRxxxx

TEXAS: UCC25600, UC286x

POWER INTEGRATIONS: LCS7xx, PLC810

INFINEON: ICEXHS01

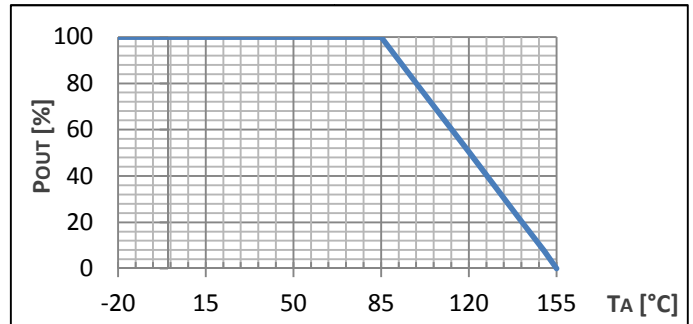
DISTINGUISHING FEATURES

- ✓ AVAILABLE WITH PRIMARY OR SECONDARY REGULATION
- ✓ AVAILABLE WITH SECONDARY SIDE SHORT CIRCUIT PROTECTION
- ✓ LEAKAGE INDUCTANCE SYMMETRY REGULATION
- ✓ UP TO 2kW OF PEAK POWER
- ✓ HIGHEST POWER/VOLUME RATIO
- ✓ COIL FORMER WITH TWO LINES OF PINS ON SECONDARY SIDE
- ✓ FULLY CUSTOMIZABLE
- ✓ 3D STEP FILE AVAILABLE

ELECTRICAL CHARACTERISTICS

VOLTAGE INPUT	120-450	VDC
VOLTAGE OUTPUT	12-120	VDC
WORKING FREQUENCY	30-300	KHz
MAX OUTPUT POWER	800	W
MAX OUTPUT PEAK POWER	2000	W
EFFICIENCY	UP TO 95	%
WEIGHT	200	g
STORAGE CONDITIONS (RH ≤ 75%)	-20 ÷ +85	°C

DE-RATING POWER vs T_A



PHYSICAL PARAMETERS

