

## 1974 SERIES

CORE SIZE PQ26/20 - UP TO 200W

PFC INDUCTOR

### MAIN FEATURES

- ✓ HIGHEST POWER/VOLUME RATIO
- ✓ CLASS "B" INSULATION SYSTEM RECOGNIZED
- ✓ ACCORDING TO UL94-V0 LISTED MATERIALS
- ✓ ACCORDING TO EN 61558-2-16
- ✓ COMPATIBLE WITH:


STM: L6561, L6562, L6563, L6564

FAIRCHILD: FAN6982, FAN6961, FAN7930

TEXAS: UCC28810, UCC28811

INFINEON: ICE2PCSXX

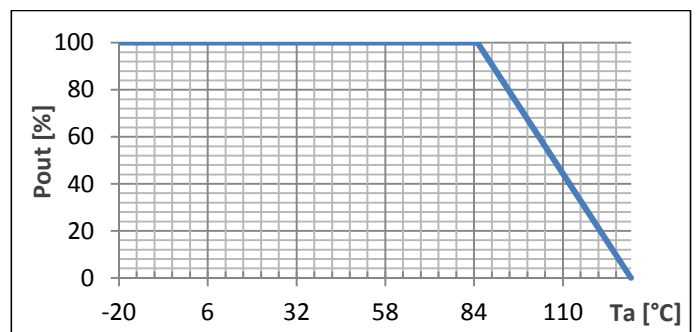
### DISTINGUISHING FEATURES

- ✓ OFFICIAL INDUCTOR FOR:  
 **STEVAL-ILL052V1**
- ✓ AVAILABLE WITH LOW PARASITIC CAPACITANCE
- ✓ AVAILABLE WITH AUXILIARY WINDING FOR THE SUPPLY VOLTAGE
- ✓ AVAILABLE IN "F" CLASS INSULATION SYSTEM RECOGNIZED
- ✓ AVAILABLE WITH EXTERNAL SHIELD FOR THE EMI REQUIREMENTS
- ✓ FULLY CUSTOMIZABLE
- ✓ 3D STEP FILE AVAILABLE

### ELECTRICAL CHARACTERISTICS

VOLTAGE INPUT	85-305	VAC
VOLTAGE OUTPUT	UP TO 500	VDC
WORKING FREQUENCY	50-200	KHZ
MAX OUTPUT POWER (EU RANGE)	200	W
MAX OUTPUT POWER (WIDE RANGE)	150	W
EFFICIENCY	≥ 95	%
WEIGHT	45	g
STORAGE CONDITIONS (RH ≤ 75%)	-20 ÷ +85	°C

### DE-RATING POWER vs T<sub>A</sub>



### PHYSICAL PARAMETERS

