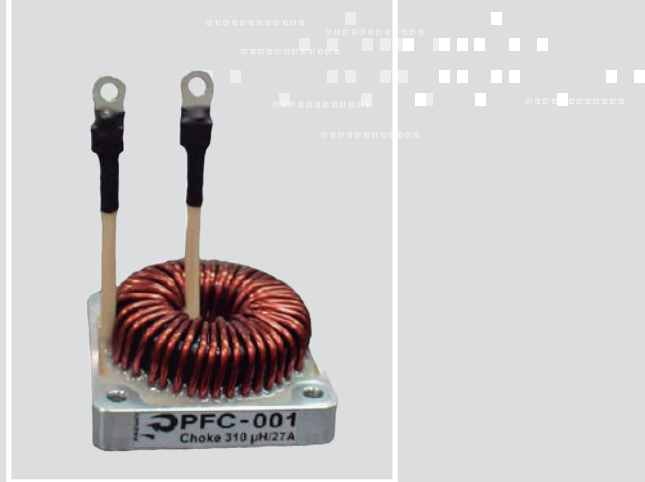


PFC-001

PFC Choke 310 μ H / 17Arms / 6App / 67kHz

INDUCTIVE COMPONENTS / PFC CHOKES



APPLICATIONS

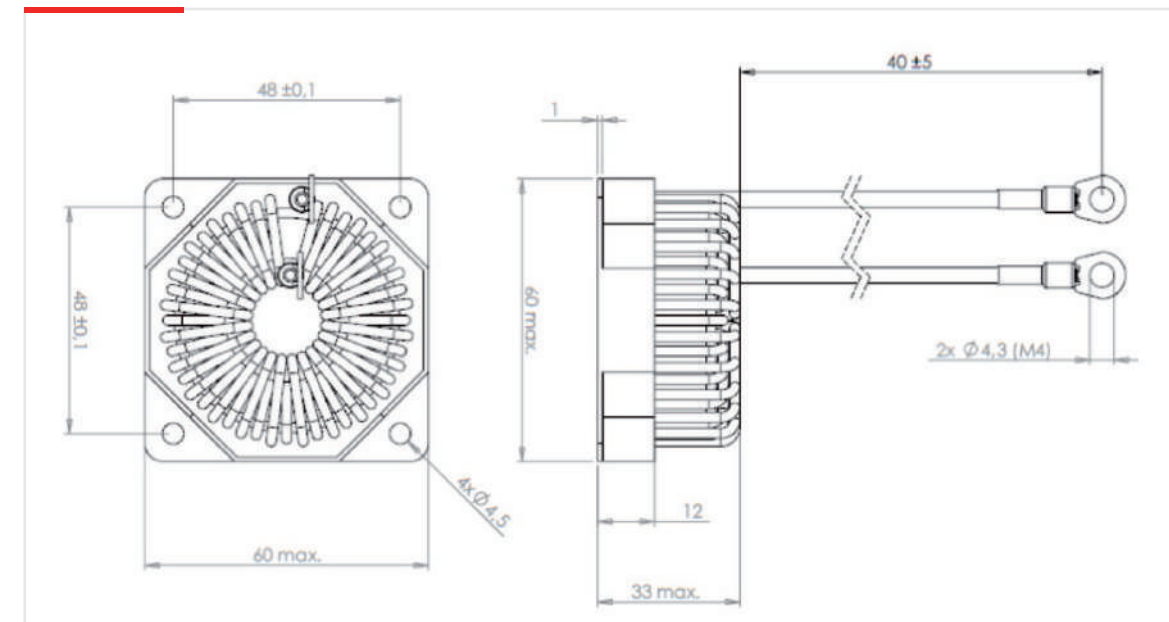
- › Automotive embedded battery chargers
- › Industrial high power SMPS

01 FEATURES

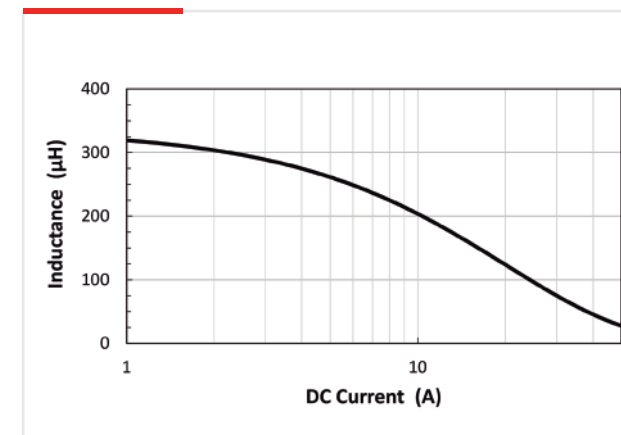
- › Chokes for CCM PFC operation
- › Can be used in a wide range of sinusoidal absorption rectifier circuits
- › Mounting onto water-plate heatsinks
- › Power rating : 4kW
- › Inductance range : 80 μ H to 500 μ H
- › Frequency range : 50-100kHz
- › Very stable performances versus temperature
- › No thermal aging effect
- › Possibility of customized outputs
- › UL94V-0 material
- › RoHS compliant

03 SPECIFICATIONS

DIMENSIONS



TYPICAL PERFORMANCES



ELECTRICAL SPECIFICATIONS

Input Voltage	230Vac
Output Voltage	400Vdc TYP
Power	4kW
Switching Frequency	67kHz
L0 no load	310 μ H \pm 10%
Ldc MIN at Peak Current	> 80 μ H@27A
DCR MAX	25m Ω
Current Irms	17Amps
Ripple ΔIpp	6App
Losses @100°C	13W
Weight	Approx 0,4kg