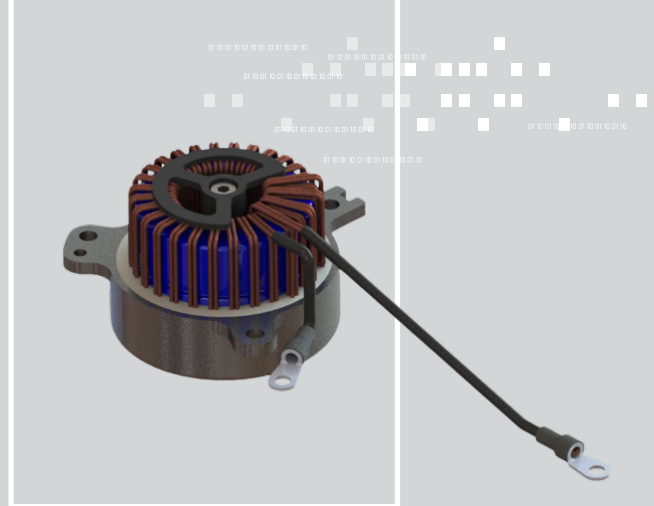


New

PFC-CM-003

50kHz 32A 120 μ H

INDUCTIVE COMPONENTS / PFC CHOKE



APPLICATIONS

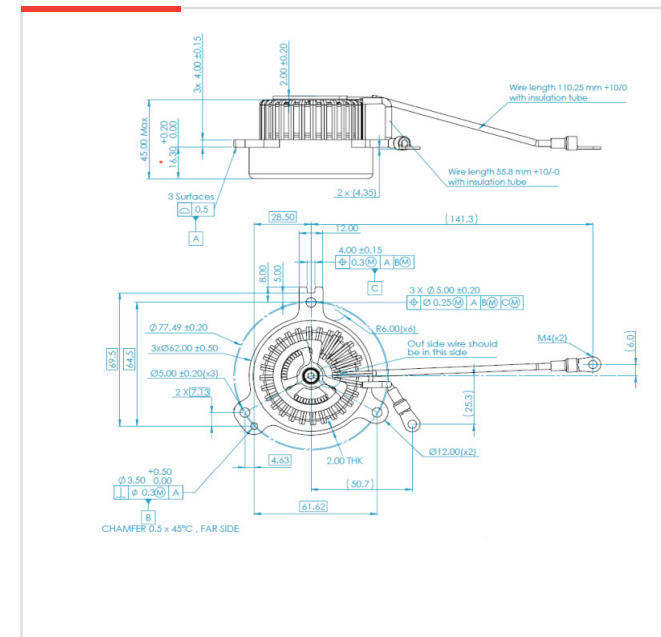
- › PFC BOOST IND 120 μ H 32A.

01 FEATURES

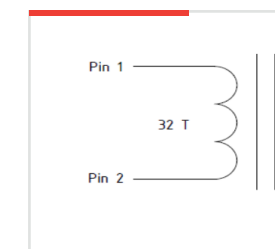
- › PFC Boost Inductor
- › Operating voltage 120/240 vdc
- › Storage temperature -40 $^{\circ}$ C to+105 $^{\circ}$ C
- › Power rating 7,7kW at 240v/1920w at 120v
- › Frequency 50 khz
- › Estimated total losses at 100 $^{\circ}$ C
- › Copper losses (I = 32Arms) 14.5 w
- › Core losses (I = 32Arms) 15.5 W
- › Total losses 30 W
- › Weight: 465.5g

02 SPECIFICATIONS

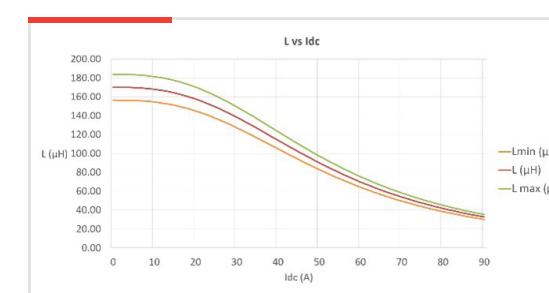
DIMENSIONS (mm)



ELECTRICAL DIAGRAM



L VS IDC COMPARISON



ELECTRICAL SPECIFICATIONS

OPERATING VOLTAGE

Current | 32Arms

INDUCTANCE

Inductance (0Arms) | 133.5 μ H +/-10% μ H

Inductance (70Arms): | 170 μ H +/-10%

DC RESISTANCE @25 $^{\circ}$ C

DCR | 25 m Ω Max

DIELECTRIC STRENGTH

Winding to housing | 4 mA (1800Vac 50Hz, 2s)