



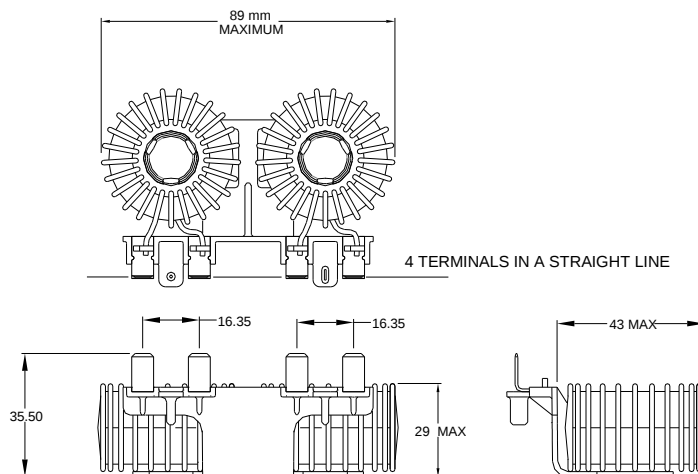
7K0W PFC Inductor with X-Flux Cores –11557-GR



Key Features

- AECQ200 Qualified
- ROHS Compliant
- Designed, tested and manufactured for 300,000 KM (15 years)
- Custom footprint and additional turns options available

Dimensions



Electrical Characteristics @ 25°C

- ISOLATION @ 2700 VDC 5 μ A MAXIMUM, COIL TO COIL
- INDUCTANCE, PIN 1 - PIN 2: 70 μ H $\pm$ 10% AT 120 KHZ 0.25 VRMS
- INDUCTANCE, PIN 3 - PIN 4: 70 μ H $\pm$ 10% AT 120 KHZ 0.25 VRMS
- INDUCTANCE, PIN 1 TO 2, 55 μ H MIN. AT 120 KHZ 0.25 V@ 23ADC
- DCR, PIN 1 TO 2: 13.6 M Ω $\pm$ 15%
- DCR, PIN 3 TO 4: 13.6 M Ω $\pm$ 15%
- INSULATION RESISTANCE, PIN 1 TO PIN 3: 100 M Ω MIN. AT 500 VDC

Design Parameters

AMBIENT TEMPERATURE: -40°C TO + 105°C
 OPERATING TEMPERATURE: -40°C TO + 155°C
 STORAGE TEMPERATURE RANGE: -10°C TO +55°C

Schematic

