



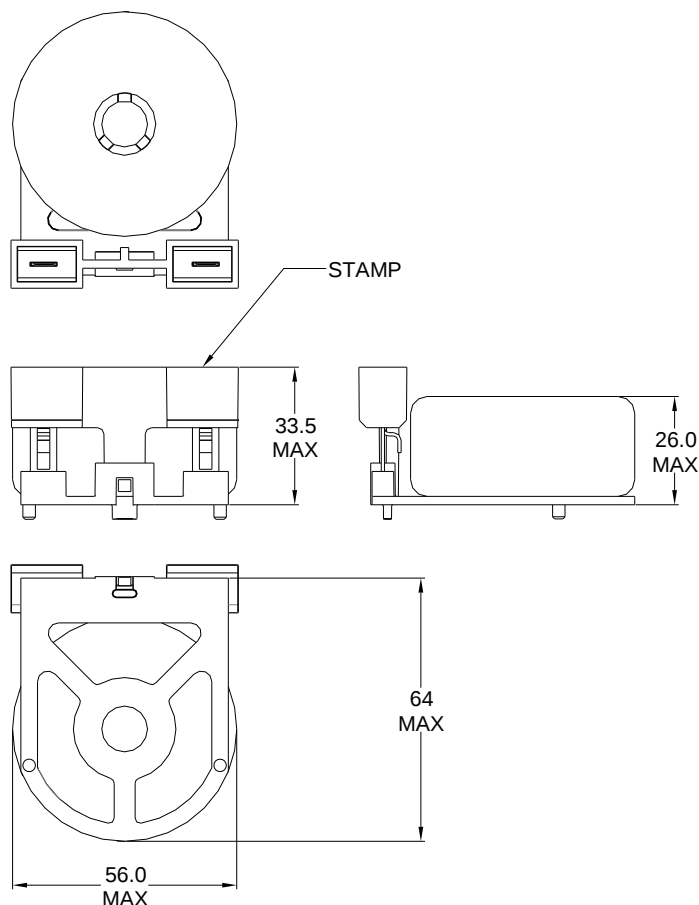
JLR Filter Inductor with X-Flux Cores –11555-GR



Key Features

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

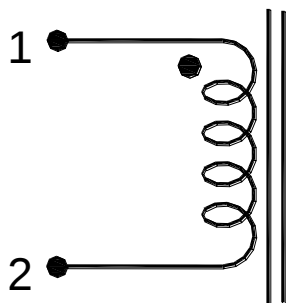
Dimensions



Electrical Characteristics @ 25c

- INDUCTANCE, PIN 1 TO PIN 2: $130 \mu\text{H} \pm 10\%$, AT 120 KHZ, 0.25 VRMS
- INDUCTANCE, PIN 1 TO PIN 2: $90 \mu\text{H}$ MIN, 120 KHZ, 0.25 VRMS & 25ADC
- DCR, PIN 1 TO 2: $12.8 \text{ M}\Omega \pm 15\%$

Schematic



Design Parameters

AMBIENT TEMPERATURE: -40°C TO $+105^{\circ}\text{C}$
 OPERATING TEMPERATURE: -40°C TO $+155^{\circ}\text{C}$
 STORAGE TEMPERATURE RANGE: -10° TO $+55^{\circ}\text{C}$