ACT45B Common Mode Filters

Common Mode Filters for Automotive Signal Line

TDK's ACT45B series common mode filters are used as an EMC countermeasure in automotive signal lines, such as CAN –BUS of FAXs. The ACT45B series filters have an operating temperature range of –40°C to +150°C, so they can be used in vehicle applications requiring high temperature compatibility.

Automotive

Common Mode Filter

Small Size

Lead Free | Halogen Free | REACH | RoHS COMPLIANT

Datasheet

Features

- Wire wound
- AEC-Q200 certified
- Operating temperature range of –40°C to +150°C
- Storage temperature range of –40°C to +150°C after the PC board is mounted
- When mounting, the terminal and winding tape splicing part do not fuse

Applications

- CAN-BUS
- Modems
- FAXs
- ISDNs

ACT45B Series Information

Case Size: (EIA 1812) 4.5 x 3.2 x 2.8mm
Common Mode Impedance (10MHz): 300-2200Ω
Common Mode Inductance (100KHz): 11-100µH
DC Resistance (max): 0.6-2.0Ω
Current Rating (max): 0.25-0.15A

2,500 pieces per reel