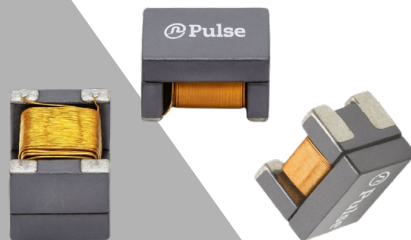


PRODUCT OVERVIEW

YAGEO Group's **1210 CAN/CAN-FD Common Mode Choke series** is a compact, wire-wound chip CMC with **high-sided metallization for improved mechanical robustness and long-term reliability.**

Designed to support **CDMR Class 1, 2, 3** requirements, these components ensure excellent common-mode noise suppression and signal integrity for **next-generation CAN-FD vehicle networks.**



Quick Facts

CAN Class: I, II, III

Inductance Range: 11μH, 22μH, 51μH, 100μH

Operating Temperature: -55°C to +150°C

Standards: IEC 62228-3, CiA 110

Contact & Information

North America:

prodinfo_network_americas@yageo.com

Asia:

prodinfo_network_asia@yageo.com

EMEA:

prodinfo_network_emea@yageo.com

SIGNAL MAGNETICS

AUTOMOTIVE NETWORKS

COMMON MODE CHOKES FOR CAN/-FD



Key Selling Points

Features

Robust construction for vibration and shock

Wide interfaces >10Mbit/s coverage

Supports CDMR Class 1,2,3

Multiple inductance options

Ext. operating temperature -55°C to +150°C

Reliable Performance

Customer Value

Reliable long-term operation in demanding vehicle environments

CAN/-FD, FlexRay, LIN, A2B, E2B, BMS, Powertrain systems

Provide robust noise suppression for high-speed CAN-FD

Design flexibility for multiple CAN classes and node configurations

Excellent performance in harsh automotive environments

Meet standards along IEC62228-3 and CiA110

Target Applications

- ADAS
- Lighting
- V2X
- Engine Control Unit
- Body Control Unit
- Camera Module
- Radar/LIDAR
- Airbag
- Safety/Security System
- Tire-Pressure Sensor
- Global Position System

Market Advantages

- **Approved by major OEMs**
- **Supports OEM EMC compliance**
- **Supports key automotive CAN standards (IEC 62228-3, CiA 110)**
- **Third party CAN-FD reliability report available**
- **Enables platform reuse with a common 1210 footprint across multiple interfaces**
- **Simplifies design with one choke for multiple bus system interfaces**
- **High-sided metallization provides robust solder joints for long term reliability**