

Automotive CANbus Chip Choke Expansion

EMC Solutions for Transportation

Pulse Electronics has expanded its Chip Choke product range for Automotive CANbus applications.

The PE-1210ACC size offers chip chokes accredited to the Automotive Reliability standard AEC-Q200 and complements our existing PE-1812ACC series. They combine small size with the same excellent suppression performance needed for automotive networks and transportation solutions using CAN, A2B, ICAN-FD and soSPI.



Features and Benefits:

- Offers small size and big performance for filtering EMC on CANbus lines
- Meets AEC-Q200 requirements for Automotive Environments
- Operating temp. -40C up to +125C
- Multiple Impedance or Inductance value for optimizing EMC on other LVD Signal Lines

Application:

- In Vehicle Networks and Communications
- Battery Management solutions
- Infotainment Systems
- Body Control

Electrical Specifications @ 25°C - Operating Temperature -40°C to +125°C

Part Number	Common Mode Impedance (10MHZ)		Inductance (uH)	Standard Tolerance	RDC (Ω Max)	IDC (A MAX)	Isolation Resistance (MΩ) Min	Rated Voltage (V) Max
	Min	Typ.						
PE-1210ACC110STS	300	550	11	+50/-30%	0.4	0.3	10	100
PE-1210ACC220STS	500	1100	22	+50/-30%	0.5	0.25	10	100
PE-1210ACC510STS	1000	2600	51	+50/-30%	0.7	0.2	10	100
PE-1210ACC101STS	2200	5100	100	+50/-30%	1.5	0.15	10	100

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