

## AUTOMOTIVE ELECTRONICS

As vehicle are becoming smart and efficient, ferrite components are being used more extensively.

Be it power train, charging, BLDC motor actuators, safety or comfort, ferrite has number of application in automotive particularly in EV and hybrid vehicle.

- Battery Management System
- Lighting(LED Head light, DRL, HID Light)
- Auto Start /Stop Boost Converter
- DC-DC converter
- Battery Charger
- WIRELESS CHARGER
- EMI/EMC
- CAR SECURITY/KEYLESS ENTRY SYSTEM

	<b>PREFERRED MATERIAL</b>	<b>PREFERRED SHAPE</b>
Battery management System	CF295,CF297	PLANAR E CORE,PQ26
Lighting	CF295,CF297	PQ ,PLANAR
Auto Start/Stop	CF297,	PQ26
DC-DC Converter	CF295,CF297	Planar, PQ core
Battery Charger	CF295,CF297,CF139	Large E core, Planar
WIRELESS CHARGER	CF295,CF139	PLATE
EMI/EMC	CF199	TOROIDS/RING CORE
CAR SECURITY/ACCESS	CF295,CF130	I bar