

DATASHEET



DLS-10135DC Series

90V-13.5V DC-DC Converter

Product specification

July 2009

90V-13.5V DC-DC Converter**DLS-10135DC Series****General Description**

This product is designed to provide 90V to 13.5V power conversion for heavy duty applications in vehicle.

Features:

High efficiency, high precision DC–DC Converter unit. Wide input voltage range, with over-current, over-voltage and thermal protection function.

- Under and Over Voltage Protection
- Reverse Voltage Protection
- Voltage Transient Protection
- Over load and Short Circuit Protection
- Thermal Overload Shutdown
- Status Indicator

Quick Reference Data:

Model No	Input Voltage	Output Voltage	Output Current	Efficiency	Ripple
DLS-10135DC Series	90VDC	13.5VDC	3, 5, 8, 10, 12, 15, 18, 20, 22, 25	80%	150mV

ELECTRICAL SPECIFICATIONS

Input Voltage:	76V – 110V DC
Output Voltage:	13.5V DC (Regulated)
Continuous Output Current (A):	3, 5, 8, 10, 12, 15, 18, 20, 22, 25
Reverse Polarity:	175V
Operating Temperature:	-40 to 85 °C
Heat Sink Temperature:	100°C
Storage Temperature Range:	-55°C to +105°C

Place of origin: India