

FEATURES

Electrical

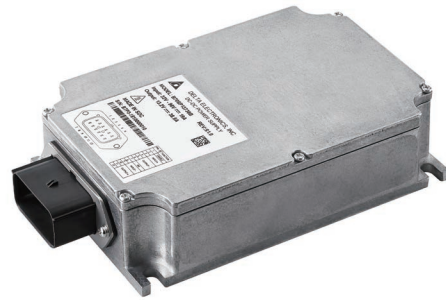
- Wide input voltage range, 32~96V
- Full Load Efficiency up to 91.5% @48Vin and 72Vin
- Parallel Connection of multiple units
- Operating Temperature Range - 40°C to +75°C
- Input Reverse Polarity Protection
- Input UVLO, Output OCL, Short circuit protection, OVP, OTP
- Enable on/off
- 2250VDC Isolation

Mechanical

- Box type package with metal base plate
- Package Dimension: 198.0 x 113.0 x 45.0mm
- IP67 protection (With fully assembled mating connector)

Safety & Certificate

- IEC/EN/UL/CSA 62368-1
- IEC/EN/UL/CSA 60950-1
- CE Mark
- EMC compatible: EN12895-2015, EN55011, EN55014-2, CISPR11 Class A



Box

IP67

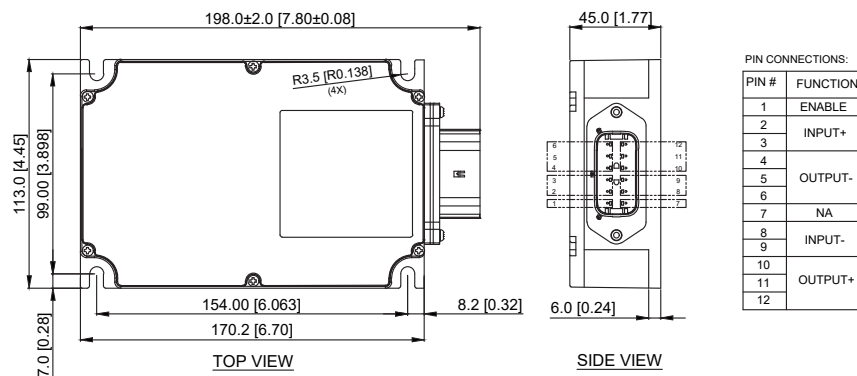
RoHs



SPECIFICATIONS

Part Number	Input Voltage	Output Voltage	Output Current	Output Power	Efficiency
B70SP12440A/B	32~96V	12.4V	40A	500W	89.0%
B70SP13736A/B	32~96V	13.7V	36.5A	500W	90.0%
B70SP24020A/B	32~96V	24.5V	21A	500W	91.5%

MECHANICAL DRAWING



PART NUMBERING SYSTEM

B	70	S	P	124	40	A	C
Form Factor	Input Voltage	Number of Outputs	Product Series	Output Voltage	Output Current	Option Code	Option Fitting
B - Box	70 - 32~96V	S - Single	P - High Power	124 - 12.4V	40 - 40A	A Without parallel function B with parallel function	Connector Kit with mating connector with mating connector