

Product No: CD5.051

PULS DC/DC CONVERTER 5V DC 10A CD5.051

FEATURES

- 24V DC-input
- Isolated 5 V DC output
- Efficiency up to 81.5%
- Width only 32mm
- 20% output power reserves
- Full power between -25°C and +60°C
- Soft-start function
- Minimal inrush current surge
- Reverse input polarity protection



General Information

Brand	PULS
Country of Origin	Czech Republic
Customs Tariff Number	85043121
E Classification	E-CS02
Product Type	DC/DC Converter
Range	DIMENSION
Series	C series
Warranty Period (Months)	36

Technical Attributes

Connection Type	Screw terminals
Derating	1.25 W/°C
Derating Temperature (°C)	+60 to +70
Efficiency	81.50%
Hold Up Time (ms)	10
Input Voltage Range DC (V)	24
Integrated Decoupling Function	No
Maximum Input Voltage DC (V)	32.4
Maximum Ripple and Noise Voltage (mVpp)	50
Minimum Input Voltage DC (V)	18
Output Current Range (A)	10 - 10
Output Power (W)	50

Technical Attributes

Output Voltage (V)	5-5.5
Power Loss (W)	11.5
Power Reserve Type	Power Boost
Power Reserves	20%
Rated Current (A)	10
Use In Crosslinking	Yes

Physical Attributes

Conformal Coating	No
Mounting Type	DIN Rail
Operational Temperature Range (°C)	-25 to 70

Dimensions

Dimensions (mm)	32W x 124H x 102D
Weight (g)	425

Protection & Standards

Degree of Protection	IP20
Standards and Approvals	EU Declaration of Conformity, IEC 60950 CB Scheme, UL 508 Canada, UL 508 USA, UL 60950-1 Canada, UL 60950-1 USA, UK Declaration of Conformity