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BOBBINTRON ELECTRICAL CORPORATION

DD1002 Series

100W Isolated DC\DC Converter

Electrical specifications :

Input:

Voltage..... (see table)

Current.....4.0A rms Max at DC 30V

Output:

Voltage (Vo)..... (see table)

Tolerance.....+/- 5%

Power (Po).....100W

Over voltage protection.....Built-in

Short circuit protection.....Pulsing Mode, Auto Recovery

Efficiency.....80% min, at Full Load

Ripple/Noise (Vp-p).....2% (20M Hz Bandwidth)

Calculated MTBF..... Over 100 Khr at 25C

Feature:

500VAC I/O Isolation

Wide Input Range t

High Efficiency

Built-in EMI Filter

Environmental :

Operating Temperature:

0 deg. C to 40 deg. C ambient

Storage Temperature:

-20 deg. C to 80 deg.C

Output Electronic Specifications:

Model No.	I/P	Vo	Io
DD1002-12A	DC20-30V	12.0V	8.3A
DD1002-12B	DC30-60V	12.0V	8.3A
DD1002-12C	DC60-120V	12.0V	8.3A
DD1002-24A	DC20-30V	24.0V	4.17A
DD1002-24B	DC30-60V	24.0V	4.17A
DD1002-24C	DC60-120V	24.0V	4.17A



EMI:

Meet CISPR 22 Class B

Safety:

CE