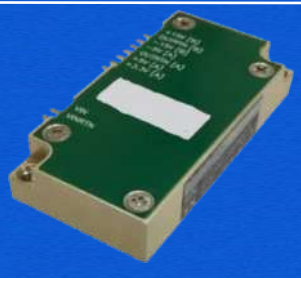
Ohm Americas

Power converters for HARSH ENVIROMENT



35W DC-DC Converter
OHD35-6-1

Product Features

- Fully enclosed and conformal coated for harsh environment
- Conduction cooling (Base plate)
- Six outputs in three Isolated groups (IN-OUT, IN-GND, OUT-OUT: 100VDC)
- No external EMI filter required.
- Fully protected for Overload /Short, Over-voltage and Over-Temperature

SPECIFICATIONS:

Input characteristics						
Input voltage (VDC) (*1)	18 ~ 36					
Reverse Polarity Protection	√					
Under Voltage Protection	Turn ON: 18~19VDC, Turn OFF: 17~18VDC					
Over Voltage Protection	Turn ON: 36~37VDC, Turn OFF: 37~38VDC					
Output characteristics						
Output current (VDC) (*2)	5 (A)	-5 (A)	3.3 (A)	15 (B)	-15 (B)	5 (C)
Output current (A)	2	0.6	2.5	0.5	0.5	1
Output ripple (mV)	50					
Line, Load & Temperature regulation (%)	±1					
Current Limit (Hiccup)	Continuous protection					
Over Voltage Protection	Each channel has separate OVP					
Over Temperature Protection	Shutdown at baseplate temperature 105ºC AUTO Recovery at baseplate temperature 95ºC (+/-5 ºC)					
Environmental/Reliability						
Operating Temperature	–55°C - +85°C Base plate					
MTBF	150,000 Hours					
Mechanical						
Size	3.15” x 1.18” x 0.53” (80mm x 30mm x 13.5mm)					
Weight	0.22Lbs (100gr)					
Cooling	Base Plate					

NOTE:
(*1) 80VDC for 0.1sec
(*2) A,B,C - Separate grounds

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All our products can be configured to your specific requirements.
Contact us at (800) 467-7275 or by email: info@ohmps.net