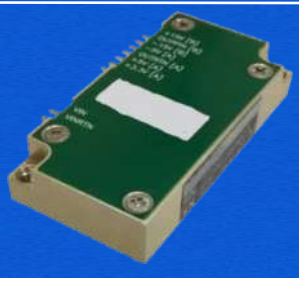
Ohm Americas

Power converters for HARSH ENVIROMENT



35W DC-DC Converter
OHD35-5-2

Product Features

- Fully enclosed and conformal coated for harsh environment
- Conduction cooling (Base plate)
- Five outputs in two Isolated groups (IN-OUT, IN-GND, OUT-OUT: 50VDC)
- 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)
Output current (A)	2	0.6	1.5	0.5	0.5
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	2.36” x 1.18” x 0.49” (60mm x 30mm x 12.5mm)				
Weight	0.11LBs (50gr)				
Cooling	Base Plate				

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