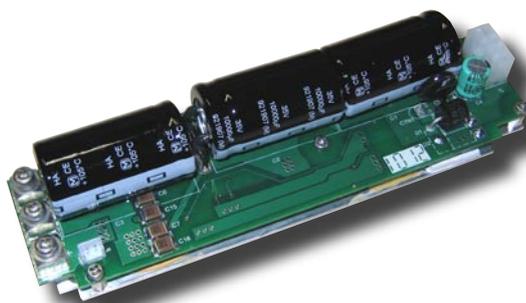




FEATURES

178 x 50 x 40 mm
 INPUT : 18-36Vdc according to DO160D
 OUTPUT : 2 outputs
 Efficiency : 85 %
 Conduction cooled
 Pout Max : 182W



APPLICATIONS

Avionic and hard environment.

INPUT

Voltage range : 18-36Vdc

Input protection : transient and surges protected
 inrush current limitation
 reverse polarity protection

OUTPUT

ITEMS		+5V	+12V
Nominal Output Voltage	V	+5	+12
Minimum Output Current	A	0	0
Maximum Output Current	A	20	10
Nominal Output Power	W	100	120
Total Output Power	W	220	
Input Voltage Range	V	18-36Vdc (in accordance with Cat A DO160D sec, 16&17)	
Input Current	A	13,6 / 6,8	
Hold-up Time	ms	50 (Pout 130W) / 32 (Pout 220W)	
Output Voltage Accuracy		+1%	+5%
Max line regulation		+/-2%	
Max load regulation		+1%	+5%
Over Current Protection	A	23	11,5
Efficiency		88%	
Remote sensing		Yes	No
Remote ON/OFF Control		ON when On/Off pin is connected to 0Vin	
Powergood (led)		5V/15mA output for Led	
Operating Temperature		-40 +90°C(baseplate)	
Storage Temperature		-40 +85°C (in accordance with Cat A1 DO160 sec, 4)	
Cooling		Conduction cooled	

SIGNALS / OPTION

Powergood : by led

On/Off contact : ON when shorted

ENVIRONMENTAL

Storage temperature : -40°C to +85°C according to DO160D cat. A1 sec.4

Operating temperature : -40°C to +85°C max. baseplate

Humidity : protected by conformal coating

Vibration : ruggedized by glue

ISOLATION

Input to chassis : 1500 Vrms or 2120Vdc

Input to Output : 1500 Vdc

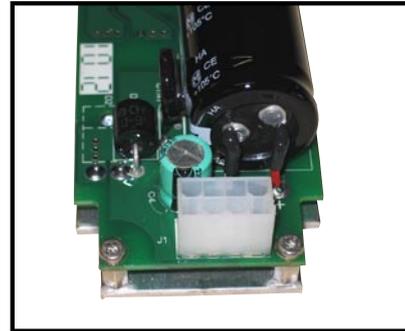
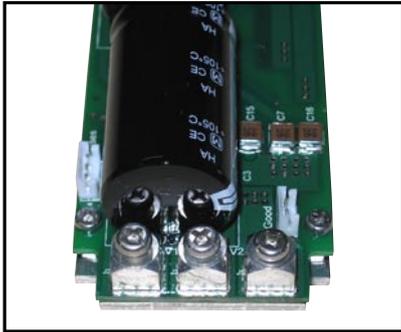
Output to chassis : 100 mohms / 500Vdc

GENERAL

Safety : built to meet EN60950

EMI : built to meet DO160D

MECHANICALS



INPUT and OUTPUT

Input Connector		Molex Minifit Header (8pts) : Header 39281083 Plug: 39012081
Output Connector		3 x M4 screw terminals

