DC - DC CONVERTER

10 Watt Low Profile Wide Input Range HDM11 Series

From $15

Input Specifications

Input Voltage	See rating chart
Input Range	4:1
Under Voltage Shutdown	8VDC
Isolation Voltage	1,500 VDC Min.
Isolation Resistance	1000 M Ohms
Input Filter	Pi Filter

Output Specifications

Output Wattage	10 Watts
Output Voltage	See rating chart
Output Voltage Accuracy	Main O/P ±2.0% Typ.
Line Regulation	±0.5% Typ.
Load Regulation	Single O/P ±1.0% Typ. Dual O/P ±2.0% Typ.
Noise & Ripple	100mV for 3.3V/5.0V&1.0% for others P-P
Output Power Protection	OVP built in on Main O/P
Output Short Circuit	Fold back
Efficiency	Typ. 78%
Power Density	17.2Watts/Cubic inch
Switching Frequency	450KHz Fixed frequency

- **4:1 Input**
- **Isolated Output**
- **Low Profile 7mm**
- **Six-Sided Shield**

OUTPUT VOLTAGE / CURRENT RATING CHARTS

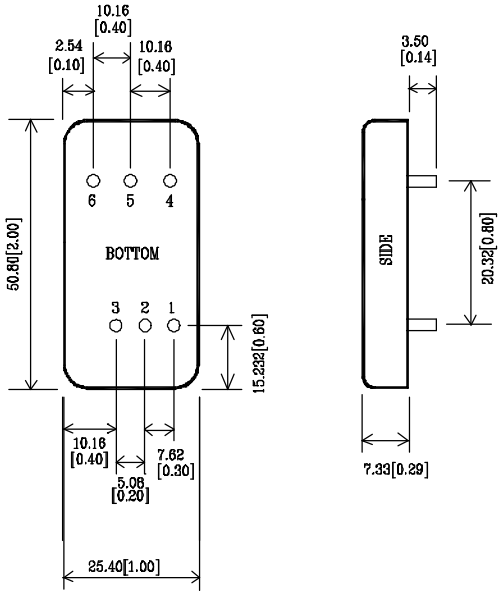
SINGLE OUTPUT

Model Number	Input Voltage VDC	Input Current N.L. (mA)	Input Current F.L.	Output VDC	Output (A)
HDM11-12D-S03	9.0-36.0	50	900	3.3V	2.50A
HDM11-12D-S05	9.0-36.0	50	1070	5.0V	2.00A
HDM11-12D-S09	9.0-36.0	50	1050	9.0V	1.10A
HDM11-12D-S12	9.0-36.0	50	1050	12.0V	0.83A
HDM11-12D-S15	9.0-36.0	50	1050	15.0V	0.67A
HDM11-48D-S03	18.0-72.0	46	220	3.3V	2.50A
HDM11-48D-S05	18.0-72.0	46	260	5.0V	2.00A
HDM11-48D-S09	18.0-72.0	46	255	9.0V	1.10A
HDM11-48D-S12	18.0-72.0	46	255	12.0V	0.83A
HDM11-48D-S15	18.0-72.0	46	255	15.0V	0.67A

DUAL OUTPUT

Model Number	Input Voltage VDC	Input Current N.L. (mA)	Input Current F.L.	Output VDC	Output (A)	
HDM11-12D-D03	9.0-36.0	50	910	+/-3.3V	1.25A	1.25A
HDM11-12D-D05	9.0-36.0	50	1070	+/-5.0V	1.00A	1.00A
HDM11-12D-D12	9.0-36.0	50	1070	+/-12.0V	0.42A	0.42A
HDM11-12D-D15	9.0-36.0	50	1040	+/-15.0V	0.33A	0.33A
HDM11-48D-D03	18.0-72.0	46	220	+/-3.3V	1.25A	1.25A
HDM11-48D-D05	18.0-72.0	46	260	+/-5.0V	1.00A	1.00A
HDM11-48D-D12	18.0-72.0	46	260	+/-12.0V	0.42A	0.42A
HDM11-48D-D15	18.0-72.0	46	255	+/-15.0V	0.33A	0.33A

MECHANICAL DIMENSIONS: MM [INCHES] (Not to Scale)



PIN	SINGLE	DUAL
1	REMOTE ON/OFF	REMOTE ON/OFF
2	- INPUT	- INPUT
3	+ INPUT	+ INPUT
4	DC-COM	- OUTPUT
5	NA	DC-COM
6	+ OUTPUT	+ OUTPUT

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