



AUTOMOTIVE
FORWARD DC/DC Converters **6 Watt / 10 Watt**

Wide input range 1:2 PWM - regulated Series: DAW2
 Case style: 2" x 2"

Electrical specifications:

Ambient temperature: -55°C to +85°C no derating
 Operating temperature: max. +118°C
 Output voltage accuracy: +/- 2%
 Line regulation: +/- 0,1%
 Load regulation: +/- 0,5%
 Efficiency: min. 70%
 Short circuit protection: watchdog & auto - restart

Output Ripple & Noise: typ. 35mV
 Isolation voltage: min. 1000V DC
 Isolation voltage Part-Nr. /3: min. 3kV AC rms
 Enable / Disable pin can be provided on request
 U_{OUT} adjust pin can be established too
 Five sided metal shield
 Part-No. /5 External -IN & -OUT / COM connection allowed

6 Watt

Part - No. Single	Input Voltage DC	Output Voltage	Output Current	Part - No. Dual	Input Voltage DC	Output Voltage DC	Output Current
DAW2-1205	12V	5V	1200mA	DAW2-1205D	12V	+/- 5V	+/-600mA
DAW2-1212	(8-18V)	12V	500mA	DAW2-1212D	(8-18V)	+/-12V	+/-250mA
DAW2-1215		15V	400mA	DAW2-1215D		+/-15V	+/-200mA
DAW2-2405	24V	5V	1200mA	DAW2-2405D	24V	+/- 5V	+/-600mA
DAW2-2412	(16-36V)	12V	500mA	DAW2-2412D	(16-36V)	+/-12V	+/-250mA
DAW2-2415		15V	400mA	DAW2-2415D		+/-15V	+/-200mA
DAW2-4805	48V	5V	1200mA	DAW2-4805D	48V	+/- 5V	+/-600mA
DAW2-4812	(34-75V)	12V	500mA	DAW2-4812D	(34-75V)	+/-12V	+/-250mA
DAW2-4815		15V	400mA	DAW2-4815D		+/-15V	+/-200mA

10 Watt

Part - No. Single	Input Voltage DC	Output Voltage	Output Current	Part - No. Dual	Input Voltage DC	Output Voltage DC	Output Current
DAW2-1205	12V	5V	2000mA	DAW2-1205D	12V	+/- 5V	+/-1000mA
DAW2-1212	(8-18V)	12V	833mA	DAW2-1212D	(8-18V)	+/-12V	+/- 416mA
DAW2-1215		15V	666mA	DAW2-1215D		+/-15V	+/- 333mA
DAW2-2405	24V	5V	2000mA	DAW2-2405D	24V	+/- 5V	+/-1000mA
DAW2-2412	(16-36V)	12V	833mA	DAW2-2412D	(16-36V)	+/-12V	+/- 416mA
DAW2-2415		15V	666mA	DAW2-2415D		+/-15V	+/- 333mA
DAW2-4805	48V	5V	2000mA	DAW2-4805D	48V	+/- 5V	+/-1000mA
DAW2-4812	(34-75V)	12V	833mA	DAW2-4812D	(34-75V)	+/-12V	+/- 416mA
DAW2-4815		15V	666mA	DAW2-4815D		+/-15V	+/- 333mA

Any other output voltages available.

ALL DIMENSIONS IN MM (INCHES)
 MILLIMETERS +/-0,25mm
 (INCHES +/- 0,01")

CAUTION: NO INPUT POLARITY CHANGE ALLOWED !

/0 E / D: Enable / Disable pin
 /2 ADJ : Adjustable output voltage

NP (no pin) on single output models
 COM (common) on dual output models

