



AUTOMOTIVE

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

PWM - regulated **Series: DAW2**

Wide input range 1:2
 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
DAW2-0505	5V (4,5-9V)	5V	1200mA	DAW2-0505D	5V (4,5-9V)	+/- 5V	+/-600mA
DAW2-0509		9V	666mA	DAW2-0509D		+/- 9V	+/-333mA
DAW2-0512		12V	500mA	DAW2-0512D		+/-12V	+/-250mA
DAW2-0515		15V	400mA	DAW2-0515D		+/-15V	+/-200mA
DAW2-0518		18V	333mA	DAW2-0518D		+/-18V	+/-166mA
DAW2-0524		24V	250mA	DAW2-0524D		+/-24V	+/-125mA
DAW2-0528		28V	214mA	DAW2-0528D		+/-28V	+/-107mA
DAW2-0548		48V	125mA	DAW2-0548D		+/-48V	+/- 63mA
DAW2-0560		60V	100mA	DAW2-0560D		+/-60V	+/- 50mA

10 Watt

Part - No. Single	Input Voltage DC	Output Voltage	Output Current	Part - No. Dual	Input Voltage DC	Output Voltage DC	Output Current
DAW2-0505	5V (4,5-9V)	5V	2000mA	DAW2-0505D	5V (4,5-9V)	+/- 5V	+/-1000mA
DAW2-0509		9V	1111mA	DAW2-0509D		+/- 9V	+/- 555mA
DAW2-0512		12V	833mA	DAW2-0512D		+/-12V	+/- 416mA
DAW2-0515		15V	666mA	DAW2-0515D		+/-15V	+/- 333mA
DAW2-0518		18V	555mA	DAW2-0518D		+/-18V	+/- 277mA
DAW2-0524		24V	416mA	DAW2-0524D		+/-24V	+/- 208mA
DAW2-0528		28V	357mA	DAW2-0528D		+/-28V	+/- 178mA
DAW2-0548		48V	208mA	DAW2-0548D		+/-48V	+/- 104mA
DAW2-0560		60V	166mA	DAW2-0560D		+/-60V	+/- 83mA

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

