

Forward  
 Wide input range 1:2  
 Case style: 2" x 2"

# AUTOMOTIVE DC/DC Converters

6 Watt / 10 Watt  
 Series: DAW2

PWM - regulated

**Electrical specifications:**

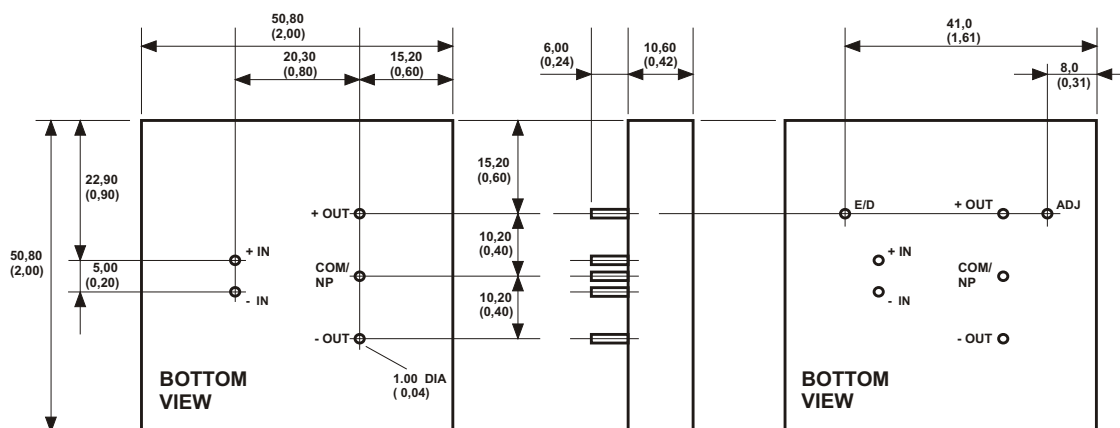
Operating temperature: -55°C up to +105°C  
 Ambient temperature: -55°C to +85°C  
 Output voltage accuracy: +/- 2%  
 Line regulation: +/- 0,1%  
 Load regulation: +/- 0,5%  
 Efficiency: up to 81%  
 Overload & short circuit protection: watchdog & auto - restart

Output Ripple / Noise: typ. 35mVp-p  
 Insulation test voltage: 1000V DC  
 Part-No. /3: 3kV AC rms  
 Enable / Disable pin can be provided on request  
 Part-No. /0: E / D: Enable / Disable pin  
 U<sub>OUT</sub> adjust pin can be established too  
 Part-No. /2: ADJ: Adjustable output voltage  
 Five sided metal shield  
 Part-No. /5: External -IN & -OUT / COM connection allowed

**CAUTION: NO INPUT POLARITY CHANGE ALLOWED!**

6 Watt					10 Watt				
Part - No. Single	Input Voltage DC	Output Voltage	Output Current	Output Current	Part - No. Dual	Input Voltage DC	Output Voltage DC	Output Current	Output Current
DAW2-0505	5V	5V	1200mA	2000mA	DAW2-0505D	5V ( 4,5-9V)	+/- 5V	+/- 600mA	+/-1000mA
DAW2-0512	( 4,5-9V)	12V	500mA	833mA	DAW2-0512D		+/-12V	+/- 250mA	+/- 416mA
DAW2-0515		15V	400mA	666mA	DAW2-0515D		+/-15V	+/- 200mA	+/- 333mA
DAW2-1205	12V	5V	1200mA	2000mA	DAW2-1205D	12V ( 8-18V)	+/- 5V	+/- 600mA	+/-1000mA
DAW2-1212	( 8-18V)	12V	500mA	833mA	DAW2-1212D		+/-12V	+/- 250mA	+/- 416mA
DAW2-1215		15V	400mA	666mA	DAW2-1215D		+/-15V	+/- 200mA	+/- 333mA
DAW2-2405	24V	5V	1200mA	2000mA	DAW2-2405D	24V (16-36V)	+/- 5V	+/- 600mA	+/-1000mA
DAW2-2412	(16-36V)	12V	500mA	833mA	DAW2-2412D		+/-12V	+/- 250mA	+/- 416mA
DAW2-2415		15V	400mA	666mA	DAW2-2415D		+/-15V	+/- 200mA	+/- 333mA
DAW2-4805	48V	5V	1200mA	2000mA	DAW2-4805D	48V (34-75V)	+/- 5V	+/- 600mA	+/-1000mA
DAW2-4812	(34-75V)	12V	500mA	833mA	DAW2-4812D		+/-12V	+/- 250mA	+/- 416mA
DAW2-4815		15V	400mA	666mA	DAW2-4815D		+/-15V	+/- 200mA	+/- 333mA

**Any other output voltages available**



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

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

Specification may be changed without notice  
 please contact office for verification

We can offer EMC - Filter  
 according to EN55011/22 Class B.