

**Forward**  
**Wide input range 1:5**  
**Case style: 2" x 2"**

# AUTOMOTIVE DC/DC Converters

**PWM - regulated**

**6 Watt / 10 Watt**  
**Series: DAW5**

**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 80%  
 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!**

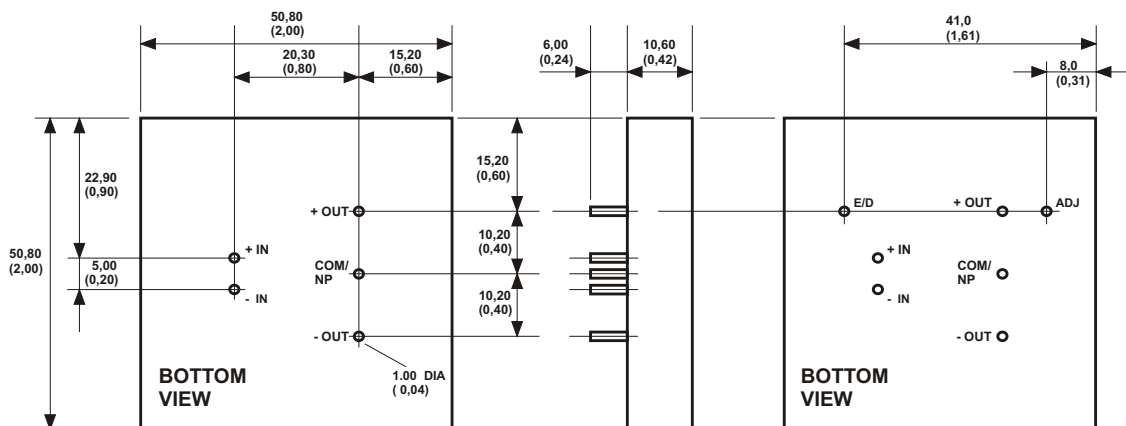
### 6 Watt

Part - No. Single	Input Voltage DC	Output Voltage	Output Current	Part - No. Dual	Input Voltage DC	Output Voltage DC	Output Current
DAW5-2405	24V	5V	1200mA	DAW5-2405D	24V	+/- 5V	+/-600mA
DAW5-2412	( 8-40V)	12V	500mA	DAW5-2412D	( 8-40V)	+/-12V	+/-250mA
DAW5-2415		15V	400mA	DAW5-2415D		+/-15V	+/-200mA
DAW5-4805	48V	5V	1200mA	DAW5-4805D	48V	+/- 5V	+/-600mA
DAW5-4812	(16-80V)	12V	500mA	DAW5-4812D	(16-80V)	+/-12V	+/-250mA
DAW5-4815		15V	400mA	DAW5-4815D		+/-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
DAW5-2405	24V	5V	2000mA	DAW5-2405D	24V	+/- 5V	+/-1000mA
DAW5-2412	( 8-40V)	12V	833mA	DAW5-2412D	( 8-40V)	+/-12V	+/- 416mA
DAW5-2415		15V	666mA	DAW5-2415D		+/-15V	+/- 333mA
DAW5-4805	48V	5V	2000mA	DAW5-4805D	48V	+/- 5V	+/-1000mA
DAW5-4812	(16-80V)	12V	833mA	DAW5-4812D	(16-80V)	+/-12V	+/- 416mA
DAW5-4815		15V	666mA	DAW5-4815D		+/-15V	+/- 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

All specifications typical @ Ta +25°C  
 Nom. Vin & full load, unless otherwise specified!

Specification may be changed without notice  
 please contact office for verification

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