

Stand: 29/09

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

## AUTOMOTIVE DC/DC Converters base insulation

6 Watt / 10 Watt  
Series: DAW5

PWM - regulated

to various EN/UL/CSA-regulations for those converters voltage  
on either input/output-voltage higher than 60VDC less than 120VDC

### Electrical specifications:

Ambient temperature: -55°C to +85°C  
Operating temperature: max. +105°C  
Output voltage accuracy: +/- 2%  
Line regulation: +/- 0,1%  
Load regulation: +/- 0,5%  
Efficiency: min. 70%  
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!

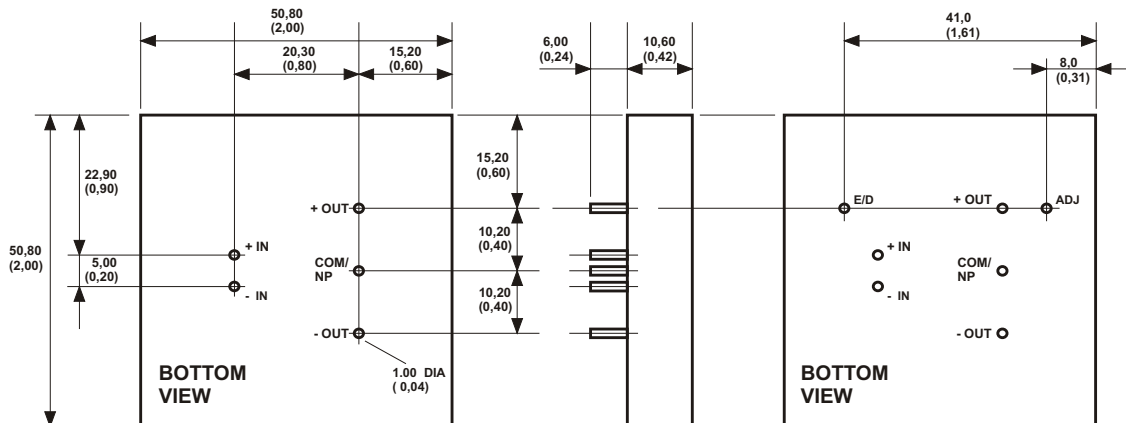
### 6 Watt

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

Specification may be changed without notice  
please contact office for verification

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