



INDUSTRIAL
DC/DC Converters

6 Watt

Flyback style converter
 Wide input range 1:2
 Case style: 2" x 1"

PWM - regulated

Series: ELIW2

Electrical specifications:

Input voltage accuracy: wide 1:2
 Output voltage accuracy: +/- 3%
 Line regulation: +/- 0,2%
 Load regulation: +/-1%
 Efficiency: min. 65%
 Overload & short circuit protection.
 Ambient temperature: -25°C to +71°C no derating
 Operating temperature: max. +105°C

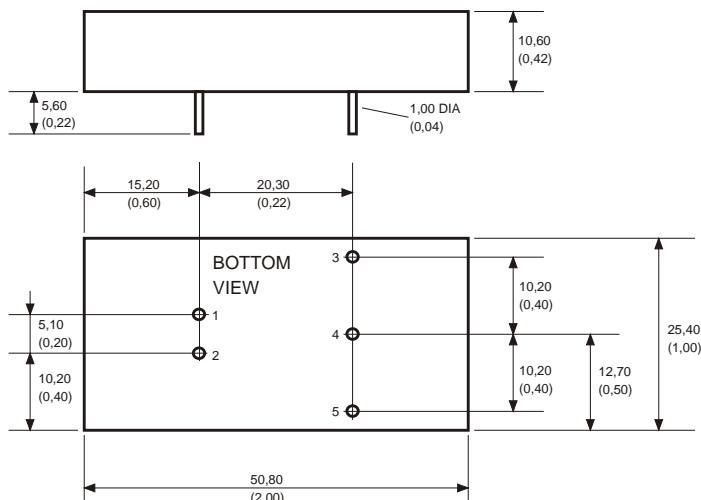
Output Ripple & Noise: typ. 150mV p-p **
 ** With additional electrolytic capacitor 100µF 105°C Output R&N 50mV typ.
 Isolation voltage: min. 1000V DC
 Five sided metal shield
 Part-No. /5 External -IN & -OUT / COM connection allowed
 Part-No. /7 = 1,5kV ACmin. black polycarbonate case
 Part-No. /3 = 3kV AC rms min. acc. to EN 60 950 black polycarbonate case

Part - No. Single	Input Voltage	Output Voltage	Output Current
ELIW2-1205	12V DC	5V	1200mA
ELIW2-1212	(9-18V)	12V	500mA
ELIW2-1215		15V	400mA
ELIW2-2405	24V DC	5V	1200mA
ELIW2-2412	(16-36V)	12V	500mA
ELIW2-2415		15V	400mA
ELIW2-4805	48V DC	5V	1200mA
ELIW2-4812	(36-72V)	12V	500mA
ELIW2-4815		15V	400mA

Part - No. Dual	Input Voltage	Output Voltage	Output Current
ELIW2-1205D	12V DC	± 5V	±600mA
ELIW2-1212D	(9-18V)	±12V	±250mA
ELIW2-1215D		±15V	±200mA
ELIW2-2405D	24V DC	± 5V	±600mA
ELIW2-2412D	(16-36V)	±12V	±250mA
ELIW2-2415D		±15V	±200mA
ELIW2-4805D	48V DC	± 5V	±600mA
ELIW2-4812D	(36-72V)	±12V	±250mA
ELIW2-4815D		±15V	±200mA

CAUTION: NO INPUT POLARTY CHANGE ALLOWED !

Any other output voltages available.



PIN	PIN CONNECTION:	
	Single	Dual
1	+ Input	+ Input
2	- Input	- Input
3	+ Output	+ Output
4	NP	Common
5	- Output	- Output

ALL DIMENSIONS IN MM (INCHES)
 MILLIMETERS +/-0,5mm
 (INCHES +/- 0,02")