



INDUSTRIAL

0,25 - 1 Watt

Unregulated

Case style: DIP 8

DC/DC Converters

Series: FMD8

Electrical specifications:

Input voltage accuracy: +/- 10%
 Output voltage accuracy: +/- 10%
 Line regulation: +/- 1% / +/- 1%
 Load regulation: +/- 10%
 Efficiency: min. 65%
 Output Ripple & Noise: 150mVp-p

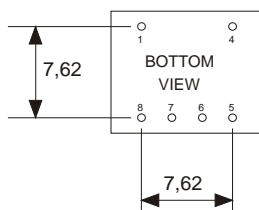
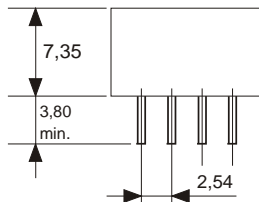
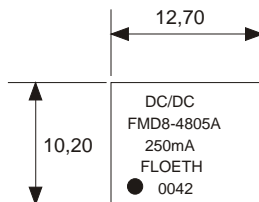
Short circuit protection: continuous
 Operating temperature: -25°C to +95°C
 Isolation voltage: min. 1000V DC
 Output voltage: @ zero Load : approx. 15% above nominal
 Optional:
 Part-Nr. /2 0,25W ; /5 0,5W ; /7 0,75W output power

Part - No. Single Output	Input Voltage	Output Voltage	0,25W	0,5W	0,75W	1W
			Output Current	Output Current	Output Current	Output Current
FMD8-0505	5V	5V	50mA			
FMD8-0512		12V	21mA			

Part - No. Dual Output	Input Voltage	Output Voltage	0,25W	0,5W	0,75W	1W
			Output Current	Output Current	Output Current	Output Current
FMD8-0507D	5V	± 7V	± 18mA			

Any other output voltages available

Note: Input capacitor
 4,7µF - 10µF is a must



PIN CONNECTION:			
PIN	SINGLE	SINGLE A*	Dual
1	- IN	- IN	- IN
4	+ IN	+ IN	+ IN
5	+ Vout	+ Vout	+ Vout
6	NC	NP	COM
7	NP	- Vout	NP
8	- Vout	NP	- Vout

* Add "A" to the end of partnumber.
 For example FMD8-0505A

ALL DIMENSIONS IN MM
 MILLIMETERS +/- 0.25mm
 All pins on a 2,54mm pitch.
 Pin size is 0,5mm (0,020 inch) DIA
 NC = No connection; NP = No pin

Dot denotes pin 1

CAUTION: NO INPUT POLARITY CHANGE ALLOWED!