

DC/DC Converter
AC/DC Inverters
Delay-Lines
Pulsetransformers
Burst & Surge Filters
Harmonic Filters
Switching Power Supplies

Am Malfinger Steig 13
86920 Denklingen/Obb.
Germany
Tel.: 08243-9693-0
Fax: 08243-9693-33
www.floeth-electronic.com



Stand: 49/08

Superb quality
Linear-Regulated
Case style: DIP24
Short circuit proof

INDUSTRIAL DC/DC Converters

3 Watt
Series: CF

Electrical specifications:

Input voltage range: $\pm 10\%$ / @U_{in}=5V -5%/+10%
Output voltage accuracy: $\pm 5\%$
Line regulation: $\pm 0,5\%$
Load regulation: $\pm 0,5\%$
Efficiency: 54% - 70%
Output Ripple & Noise: typ. 100mVp-p

Short circuit protection: continuous / autorestart
Ambient temperature: -40°C to +71°C
Operating temperature: max. +105°C
Insulation test voltage: standard 1000V DC
Case material: black polycarbonate
Optional:

Part-No. /3 metalcase (not for high insulation voltage)
Part-No. /2 4kV AC rms insulation test voltage**
Part-No. /7 3kV DC insulation test voltage**
Part-No. /4 4kV DC insulation test voltage**
Part-No. /5 External -IN & -OUT/COM connection allowed
Part-No. /9 Automotiv -55°C to +85°C
** only with /0, /1, /8 pin connection available

CAUTION: NO INPUT POLARITY CHANGE ALLOWED!

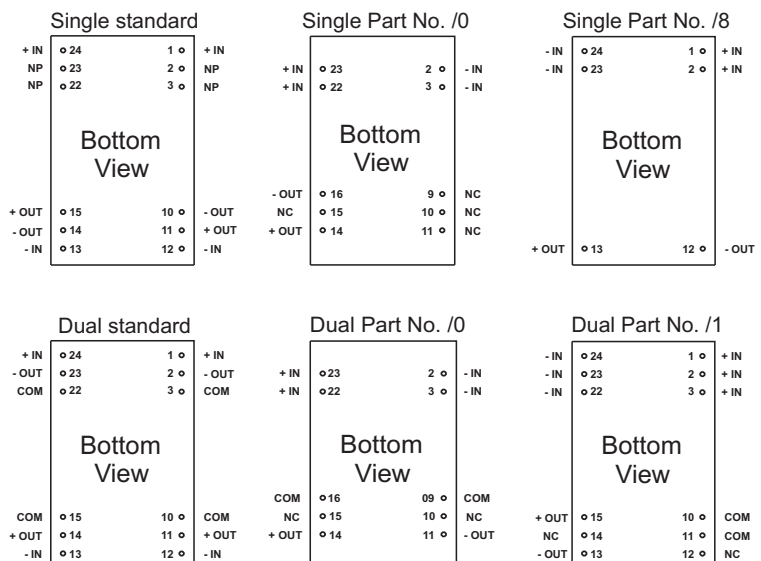
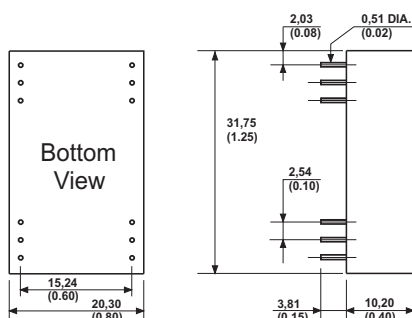
Part - No. Single	Input Voltage	Output Voltage	Output Current	Part - No. Dual	Input Voltage	Output Voltage	Output Current
CF - 0505	5V	5V	600mA	CF - 0505D	5V	+/- 5V	+/-300mA
CF - 0509		9V	330mA	CF - 0512D		+/-12V	+/-125mA
CF - 0512		12V	250mA	CF - 0515D		+/-15V	+/-100mA
CF - 0515		15V	200mA				
CF - 1205	12V	5V	600mA	CF - 1205D	12V	+/- 5V	+/-300mA
CF - 1209		9V	330mA	CF - 1212D		+/-12V	+/-125mA
CF - 1212		12V	250mA	CF - 1215D		+/-15V	+/-100mA
CF - 1215		15V	200mA				
CF - 2405	24V	5V	600mA	CF - 2405D	24V	+/- 5V	+/-300mA
CF - 2412		12V	250mA	CF - 2412D		+/-12V	+/-125mA
CF - 2415		15V	200mA	CF - 2415D		+/-15V	+/-100mA
CF - 4805	48V	5V	600mA	CF - 4805D	48V	+/- 5V	+/-300mA
CF - 4812		12V	250mA	CF - 4812D		+/-12V	+/-125mA
CF - 4815		15V	200mA	CF - 4815D		+/-15V	+/-100mA

Any other output voltages available

PIN CONNECTION:

All pins on a 2,54mm pitch;
NP = No Pin, NC = No connection

ALL DIMENSIONS IN MM (INCHES)
MILLIMETERS $\pm 0,25\text{mm}$ / INCHES $\pm 0,01''$



Specification may be changed without notice
please contact office for verification

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