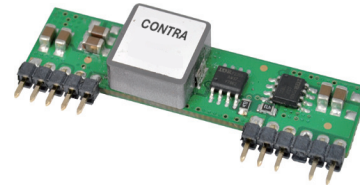


CSIP Series Non-Isolated DC-DC Converter



General Characteristics

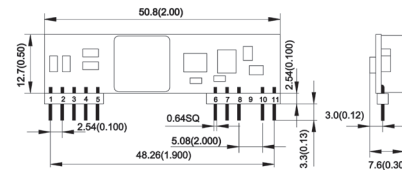
- Output Current up to 40A
- High Efficiency 94%
- Output Voltage Programmable Via External Resistor
- Operating Temperature: -40~+85°C
- Remote on/off control-negative or positive logic
- Output Short-circuit Protection, Self recovery

Model Selection Guide

Product Model	Input Voltage Range (Typical)	Output Voltage (Vdc)	Output Current (A)	Efficiency (%)
CSIP0506	3~5.5Vdc	0.75~3.3V	6	93(3.3V)
CSIP0510			10	93(3.3V)
CSIP0516			16	94(3.3V)
CSIP0520			20	93(3.3V)
CSIP1206	10~14Vdc	0.75~5V	6	89(3.3V)
CSIP1210			10	90(3.3V)
CSIP1216			16	91(3.3V)
CSIP1220			20	93(3.3V)
CSIP0530	2.95~5.5V	0.8~3.6V	30	94
CSIP1240	9.6~14V	1.0~3.3V	40	92

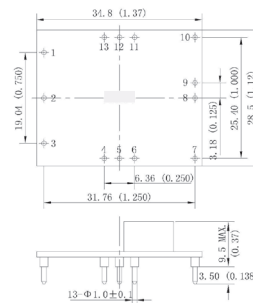
Outline Diagram And Pin Out

6~20A



Pin Out	Single Output
1	Vo
2	Vo
3	Sense
4	Vo
5	GND
6	GND
7	Vin
8	Vin
9	NP
10	TRIM
11	CNT

30A、40A



Pin Out	Single Output
1,3,7,10	GND
2	+Vin
4	Margin Up
5	Margin Down
6	Track
8,9	Vo
11	Sense
12	TRIM
13	CNT

CSMT Series Non-Isolated DC-DC Converter



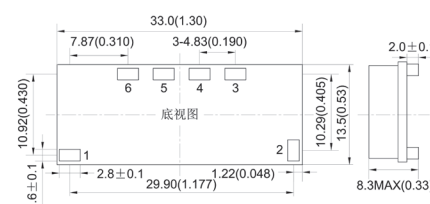
General Characteristics

- Output Current up to 16A
- High Efficiency 97%
- Output Voltage Programmable Via External Resistor
- Operating Temperature: -40~+85°C
- Remote on/off control-negative or positive logic
- Output Short-circuit Protection, Self recovery

Model Selection Guide

Product Model	Input Voltage Range (Typical)	Output Voltage (Vdc)	Output Current (A)	Efficiency (%)
CSMT0506	3~5.5Vdc	0.75~3.3V	6	97(3.3V)
CSMT0510			10	96(3.3V)
CSMT0516			16	93(3.3V)
CSMT1206	10~14Vdc	0.75~5V	6	92(3.3V)
CSMT1210			10	90(3.3V)
CSMT1216			16	90(3.3V)

Outline Diagram And Pin Out



Pin Out	Single Output
1	Vin
2	CNT
3	Sense
4	TRIM
5	Vo
6	GND