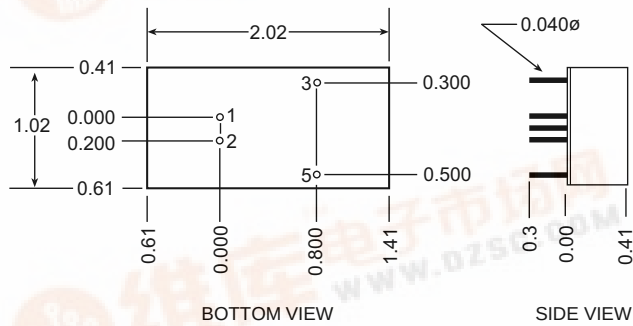


4 Watt CD Single Series DC/DC Converters

[查询"12S7.500CD"供应商](#)



Case Dimension



Mechanical tolerances unless otherwise noted:

X.XX = ± 0.020

X.XXX = ± 0.005

PIN	FUNCTION
1	+INPUT
2	-INPUT
3	+OUTPUT
5	CMN

Specifications

Model		12S7.500CD
Features		Wide Input Range
Power		3.5 Watts
Input Parameters		
Input Voltage Range	min	9.0 VDC
	typ	12.0 VDC
	max	36.0 VDC
Efficiency	typ	79%
Switching Frequency	typ	220 kHz
Output Parameters		
Output Voltage	min	6.860 VDC
	typ	7.000 VDC
	max	7.140 VDC
Rated Load	min	100 mA
	max	500 mA
Load Regulation Min to Max Load	typ	0.03%
	max	0.1%
Line Regulation Vin = Min to Max VDC	typ	0.01%
	max	0.1%
Noise, 0 to 20 MHz bw	typ	25 mV p-p
	max	80 mV p-p
General Specifications		
Isolation		
Input to Output Capacitance	min	700 VDC
	typ	500 pF
Environmental		
Case Operating Temperature Range	min	-40°C
	max	85°C
Storage Temperature Range	min	-55°C
	max	105°C

Note: Requires input cap, 1.2A ripple current, 50V

Specifications subject to change without notice.