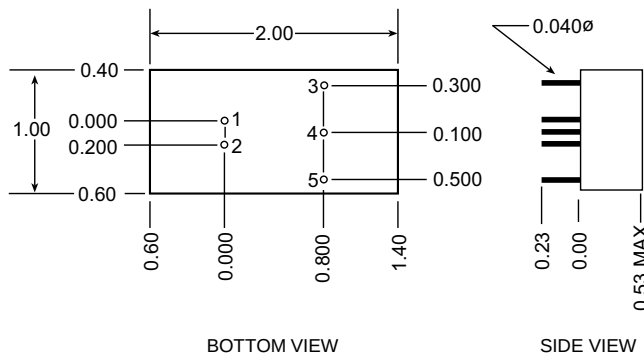


2 Watt CD Dual Series DC/DC Converters



Model 24D15.100CD
Case Dimension



Mechanical tolerances unless otherwise noted:

XX.XX = ± 0.020

XX.XXX = ± 0.005

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

Model 24D15.100CD Specifications

Model		24D15.100CD	
Features		Unregulated Converter	
Power		1.65 Watts	
Input Parameters			
Voltage Range	min typ max	16.0 VDC 24.0 VDC 28.0 VDC	
Switching Frequency	typ	75 kHz	
Output Parameters		+15 V	-15 V
Voltage Accuracy, Max Load	min typ max	14.40 VDC 15.00 VDC 15.60 VDC	15.00 VDC 15.80 VDC 16.20 VDC
Rated Load	min max	0 mA 100 mA	0 mA 10 mA
Load Regulation: +15V@ 50-100mA; -15V@ FL -15V@ 5-10mA; +15V@ FL	typ max	4.0% 8.0%	2.0% 8.0%
Line Regulation Vin = 16 to 28 VDC	typ max	1.1% / % Vin 1.25% / % Vin	
Noise, 0 to 20 MHz bw	typ max	50 mV p-p 100 mV p-p	

General Specifications

Isolation		
Isolation Voltage Input to Output	min	700 VDC
Input to Output Capacitance	typ	40 pF
Environmental		
Case Operating Temperature Range No Derating	min max	-25°C 80°C
Storage Temperature Range	min max	-40°C 100°C

Note: 6.8 μ F 35V tantalum cap required on input.

Specifications subject to change without notice.