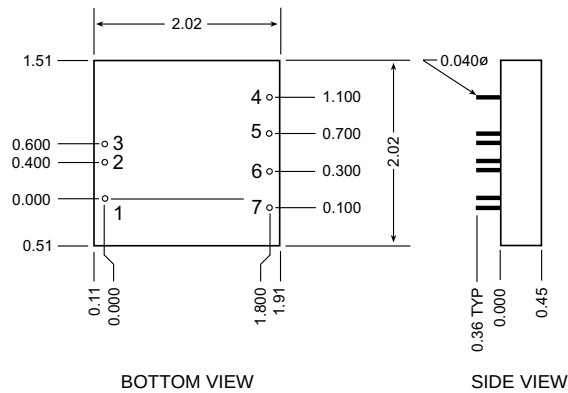


15 Watt CD Triple Series DC/DC Converters



Case Dimension



PIN	FUNCTION
1	CASE
2	-INPUT
3	+INPUT
4	+15V OUTPUT
5	+5V OUTPUT
6	CMN
7	-15V OUTPUT

Specifications

Model		48T5.15CD
Features		Wide Input Range
Power		15.0 Watts
Input Parameters		
Voltage Range	min	18.0 VDC
	typ	48.0 VDC
	max	72.0 VDC
Efficiency Vin = 48V	typ	80.0%
Switching Frequency	typ	220 kHz
Output Parameters		
Output Voltage	+5V	
	min	4.925 VDC
	typ	5.000 VDC
Output Voltage	+15V	
	min	14.65 VDC
	typ	15.00 VDC
Output Voltage	-15V	
	min	14.65 VDC
	typ	15.00 VDC
Rated Load	min	150 mA
	typ	60 mA
	max	250 mA
Load Regulation Load = Min to Full	min	1.2%
	typ	2.0%
	max	3.0%
Line Regulation Vin = Min to Max VDC	min	0.2%
	typ	0.4%
	max	1.0%
Noise, 0 to 20 MHz bw (1)	typ	40 mV p-p

General Specifications

Isolation		
Isolation Voltage Input to Output 10μA Leakage	min	1544 VDC
	typ	400 pF
	max	
Environmental		
Case Operating Temperature Range No Derating	min	-40°C
	typ	85°C
	max	
Storage Temperature Range	min	-55°C
	typ	105°C
	max	

- (1) Noise is measured per CALEX application notes. Measurement bandwidth is 0 - 20 MHz. Measurement is made with a 1μF/35V tantalum capacitor and a 0.01μF ceramic capacitor connected across each output to CMN.
- (2) Specifications subject to change without notice.