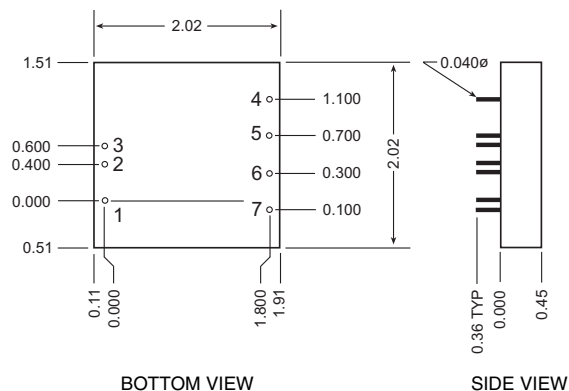


# 15 Watt CD Triple Series DC/DC Converters



## 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	min	+5V	+15V	-15V
	typ	4.925 VDC	14.65 VDC	14.65 VDC
	max	5.075 VDC	15.05 VDC	15.05 VDC
Rated Load	min	150 mA	60 mA	60 mA
	max	1500 mA	250 mA	250 mA
Load Regulation Load = Min to Full	typ	1.2%	1.2%	2.0%
	max	2.0%	2.0%	3.0%
Line Regulation Vin = Min to Max VDC	typ	0.2%	0.4%	0.4%
	max	0.5%	1.0%	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		
Input to Output Capacitance	typ	400 pF		
Environmental				
Case Operating Temperature Range No Derating	min	-40°C		
	max	85°C		
Storage Temperature Range	min	-55°C		
	max	105°C		

- 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.
- Specifications subject to change without notice.
- Water Washability - Calex DC/DC converters are designed to withstand most solder/wash processes. Careful attention should be used when assessing the applicability in your specific manufacturing process. Converters are not hermetically sealed.