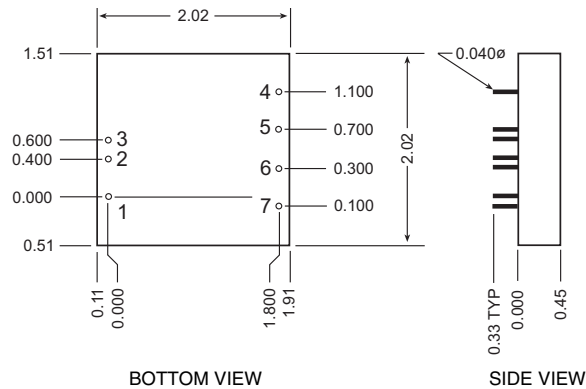


13 Watt CD Triple Series DC/DC Converters



Case Dimension



PIN	FUNCTION
1	ON/OFF
2	-INPUT
3	+INPUT
4	+12V OUTPUT
5	+5V OUTPUT
6	CMN
7	+7V OUTPUT

Specifications

Model	12T5.7.12CD			
Features	On/Off Function			
Power	13.0 Watts			
Input Parameters				
Voltage Range	min typ max	9.0 VDC 12.0 VDC 36.0 VDC		
Efficiency	typ	80%		
Switching Frequency	typ	200 kHz		
Output Parameters				
		+5V	+7V	+12V
Voltage Accuracy	min typ max	4.90 VDC 5.00 VDC 5.10 VDC	6.27 VDC 6.57 VDC 6.87 VDC	11.95 VDC 12.20 VDC 12.45 VDC
Rated Current	min max	200 mA 1400 mA	100mA 500 mA	20 mA 200 mA
Load Regulation Load = Min to Full Load	typ max	1.5% 2.5%	2.5% 3.5%	2.3% 3.5%
Line Regulation Vin = Min to Max VDC	typ max	0.2% 0.5%	0.4% 0.8%	0.2% 0.5%
Noise, 0 to 20 MHz bw	typ max	40 mV p-p 70 mV p-p	25 mV p-p 50 mV p-p	35 mV p-p 75 mV p-p

General Specifications

On/Off Functions		
On Logic Level	min max	4 VDC 10 VDC
Off Logic Level	min max	0 VDC 1.0 VDC
Converter Idle Current	typ	8 mA
Isolation		
Isolation Voltage Input to Output	min	700 VDC
I/O Capacitance	typ	400 pF
Environmental		
Case Operating Temperature Range	min max	-40°C 85°C
Storage Temperature Range	min max	-55°C 105°C

NOTES

- (1) Specifications subject to change without notice.
- (2) 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.