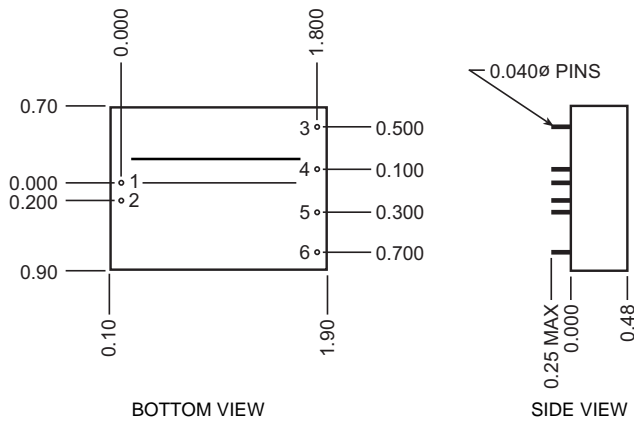


9 Watt CD Triple Series DC/DC Converters



Case Dimension



XX.XX = ±0.02
XX.XXX = ±0.005

PIN	FUNCTION
1	+INPUT
2	-INPUT
3	-12V OUTPUT
4	+12V OUTPUT
5	OUTPUT CMN
6	+5.2V OUTPUT

Specifications

Model	5T5.12CD			
Features	Automotive Application			
Power	9.25 Watts			
Input Parameters				
Voltage Range	min	5.5 VDC		
	typ	6.5 VDC		
	max	14.5 VDC		
Efficiency	typ	74%		
Switching Frequency	typ	100 kHz		
Output Parameters				
Voltage Accuracy		+5V	+12V	-12V
	min	5.10 VDC	11.76 VDC	11.76 VDC
	typ	5.20 VDC	12.00 VDC	12.00 VDC
Rated Current	min	350 mA	150 mA	150 mA
	max	850 mA	200 mA	200 mA
Load Regulation Min to Max Load	typ	0.8%	0.6%	0.6%
	max	1.2%	1.0%	1.0%
Line Regulation Vin = Min to Max VDC	typ	0.05%	0.2%	0.2%
	max	0.1%	0.5%	0.5%
Noise, 0 to 20 MHz bw	typ	60 mV p-p	30 mV p-p	30 mV p-p

General Specifications

Isolation				
Isolation Voltage Input to Output	min	700 VDC		
Input to Output Capacitance	typ	250 pF		
Environmental				
Case Operating Temperature Range No Derating	min	0°C		
	max	90°C		
Storage Temperature Range	min	-55°C		
	max	105°C		

Note: Requires input caps, 2 ea, 220µF, 0.12 Ω ESR

NOTES

- 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.