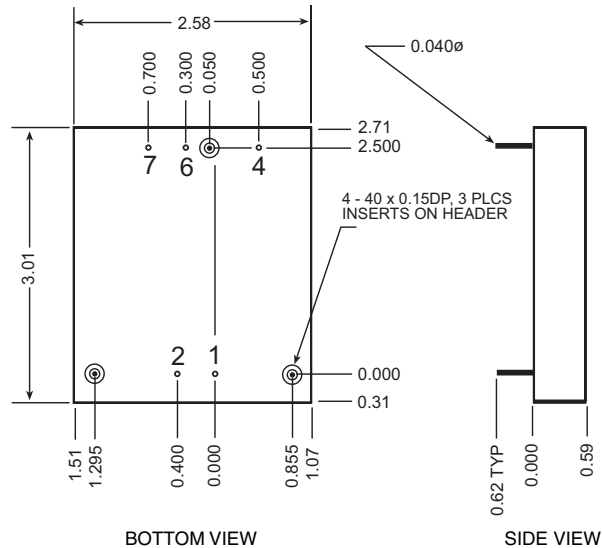


20 Watt CD Single Series DC/DC Converters



Case Dimension



Mechanical tolerances unless otherwise noted:
X.XX = ± 0.020 inches
X.XXX = ± 0.005 inches
Seal around terminals is not hermetic.
Do not immerse units in any liquid.

PIN	FUNCTION
1	+INPUT
2	-INPUT
4	N/C
6	+B OUT
7	CMN

Specifications

Model		24S8.2500CD
Features		Low Profile Case
Power		20.0 Watts
Input Parameters		
Input Voltage Range	min	18.0 VDC
	typ	24.0 VDC
	max	32.0 VDC
Efficiency	typ	85%
Switching Frequency	typ	110 kHz
Output Parameters		
Output Voltage	min	7.920 VDC
	typ	8.000 VDC
	max	8.080 VDC
Rated Current	min	100 mA
	max	2500 mA
Load Regulation, 0 to 100%	typ	0.1%
	max	0.5%
Line Regulation Vin = Min To Max VDC	typ	0.05%
	max	0.2%
Noise, 0 to 20 MHz bw	typ	30 mV p-p
	max	60 mV p-p

General Specifications

Isolation		
Isolation Voltage Input to Output	min	700 VDC
Input to Output Capacitance	typ	80 pF
Environmental		
Case Operating Temperature Range	min	-25°C
	max	85°C
Storage Temperature Range	min	-55°C
	max	100°C

Specifications subject to change without notice.

NOTE

- (1) 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.