

NOTE: 1. Nominal Input Voltage 48 VDC

INPUT SPECIFICATIONS:

Input Voltage Range.....	48V.....	36 – 75V.....
Under voltage lockout	power up	35V typ.....
	power down	33V typ.....
Positive Logic Remote on/off Control (see Note4 & 5)		
Input Filter		PI Type.....

OUTPUT SPECIFICATIONS:

Voltage Accuracy.....	±1.0% max
Transient Response :25% Step Load Change.....	<500μ sec
Ripple and Noise, 20MHz BW.....	100mV p-p max
5V / 12Vout.....	120mV p-p max
Temperature Coefficient.....	±0.03%/C max
Short Circuit Protection.....	Continuous / Hiccup
Line Regulation ¹	±0.2% max
Load Regulation ²	±0.5% max
Over Voltage Protection Trip Range, %Vo nom.....	115%-140%
External Trim Adj. Range ⁶	±10%
Current Limit.....	110% - 150% Nominal Output

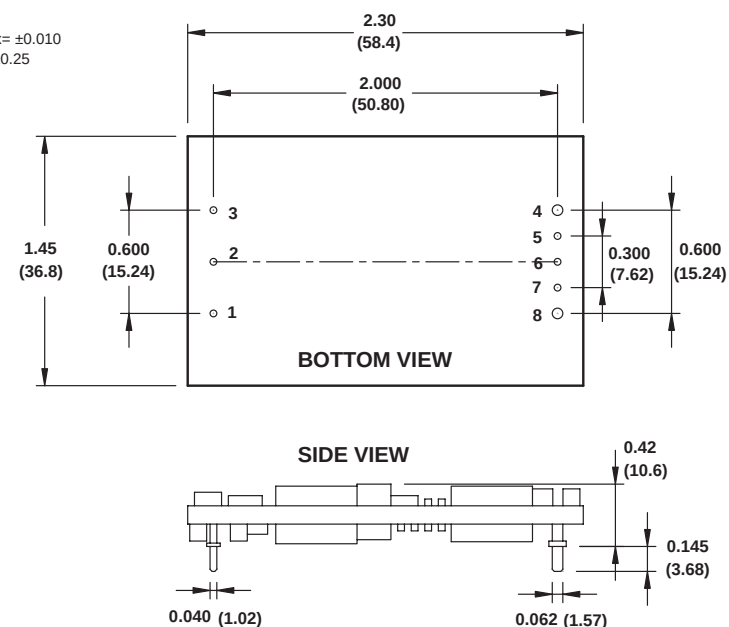
GENERAL SPECIFICATIONS:

Efficiency.....	See Table 1
Isolation Voltage.....	1500 VDC min
Isolation Resistance	10 ⁷ Ohms min
Switching Frequency	200KHz typ
3.3V/2.5Vout.....	250KHz typ
5V/12Vout.....	300KHz typ
Over Temperature Protection	120°C typ
Operating Ambient Temperature Range.....	-40°C to +85°C
Power Derating Curve	Refer to Application Note
Storage Temperature Range	-40°C to +125°C
Dimensions.....	2.30 x 1.45 x 0.42 inches (58.4 x 36.8 x 10.6 mm)
Weight.....	40g

NOTE:

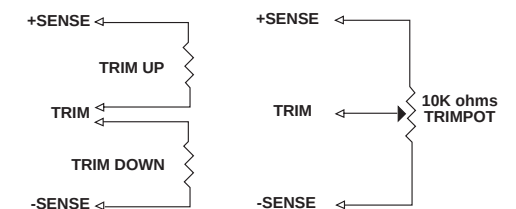
1. Measured From High Line to Low Line
2. Measured From Full Load to Zero Load
3. The output ripple and noise is measured with 10uF tantalum and 1uF Ceramic capacitor across output.
4. Logic Compatibility Open Collector ref to -Input
 Module ON Open Circuit
 Module OFF < 1.2Vdc
5. Suffix "N" to the Model Number with Negative Logic Remote ON/OFF
 Module ON < 1.2Vdc
 Module OFF Open Circuit
6. Trim-up.....Connect a Resistor Between the Trim Pin and+Sense
 Trim-Down.....Connect a Resistor Between the Trim Pin and-Sense

All Dimensions In Inches(mm)
Tolerance Inches: x.xx= ± 0.02 , x.xxx= ± 0.010
 Millimeters: x.x= ± 0.5 , x.xx= ± 0.25



Ambient Temperature (°C)	20LFM (A)	100LFM (A)	200LFM (A)	300LFM (A)
25	35	28	27	26
30	33	26	25	24
35	31	24	23	22
40	29	22	21	20
45	27	20	19	18
50	25	18	17	16
55	23	16	15	14
60	21	14	13	12
65	19	12	11	10
70	17	10	9	8
75	15	8	7	6
80	13	6	5	4

External Output Trim



PIN CONNECTION

<i>Pin</i>	<i>Function</i>
1	+V Input
2	ON/OFF
3	-V Input
4	-V Output
5	-Sense
6	Trim
7	+Sense
8	+Vout