



Наличие и актуальные цены на

SBT01L-05

<https://www.mean-well.ru/store/SBT01L-05/>



Features :

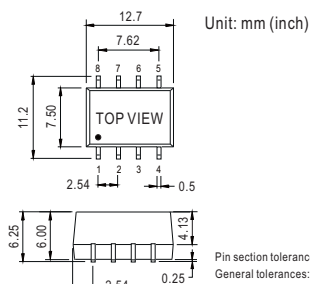
- 1000VDC I/O isolation
- Internal SMD technology
- Protection: Short circuit
- Cooling by free air convection
- Non-conductive plastic case
- SMD package styles
- 100% full load burn-in test
- Low cost / High reliability
- Approved: UL / CUL
- 1 year warranty

SPECIFICATION



MODEL NO.		B0505T-1W	B1205T-1W	B0509T-1W	B1209T-1W	B0512T-1W	B1212T-1W	B0515T-1W	B1215T-1W	
ORDER NO.		SBT01L-05	SBT01M-05	SBT01L-09	SBT01M-09	SBT01L-12	SBT01M-12	SBT01L-15	SBT01M-15	
OUTPUT	DC OUTPUT VOLTAGE	5V		9V		12V		15V		
	OUTPUT CURRENT RANGE	0 ~ 200mA		0 ~ 111mA		0 ~ 84mA		0 ~ 67mA		
	EFFICIENCY	70%	72%	74%	75%	74%	75%	75%	75%	
	RATED POWER	1W								
	RIPPLE & NOISE (max.) Note.2	100mVp-p								
	LINE REGULATION Note.3	±1.2% for 1% input variation								
	LOAD REGULATION Note.4	±8.0%								
	VOLTAGE TOLERANCE	±8.0%								
SWITCHING FREQUENCY(Typ.)		100KHz								
INPUT	VOLTAGE RANGE		4.5 ~ 5.5V	10.8 ~ 13.2V	4.5 ~ 5.5V	10.8 ~ 13.2V	4.5 ~ 5.5V	10.8 ~ 13.2V	4.5 ~ 5.5V	10.8 ~ 13.2V
	NORMAL VOLTAGE		5V	12V	5V	12V	5V	12V	5V	12V
	INPUT CURRENT	Full load	292mA	120mA	292mA	120mA	292mA	120mA	292mA	120mA
		No load	29mA	15mA	29mA	15mA	29mA	15mA	29mA	15mA
	PROTECTION		Fuse recommended							
PROTECTION	OVERLOAD		Momentary							
			Protection type : Broken							
	SHORT CIRCUIT		Momentary							
Protection type : Broken										
ENVIRONMENT	WORKING TEMP.		-40 ~ +85℃ (Refer to "Derating Curve")							
	WORKING HUMIDITY		20% ~ 90% RH non-condensing							
	STORAGE TEMP., HUMIDITY		-40 ~ +105℃, 10 ~ 95% RH							
	TEMP. COEFFICIENT		±0.03% / °C (0 ~ 50℃)							
	VIBRATION		10 ~ 500Hz, 2G 10min./1 cycle, period for 60min. each along X, Y, Z axes							
SAFETY & EMC	SAFETY STANDARDS		UL60950-1, CSAC22.2							
	WITHSTAND VOLTAGE		I/P-O/P:1KVDC							
	ISOLATION RESISTANCE		I/P-O/P: 100M Ohms / 500VDC / 25℃ / 70% RH							
OTHERS	MTBF		500khrs min. MIL-HDBK-217F(25℃)							
	DIMENSION		12.7*7.5*6.0mm or 0.50**0.30**0.24" inch (L*W*H)							
	WEIGHT		1.3g							

Mechanical Specification

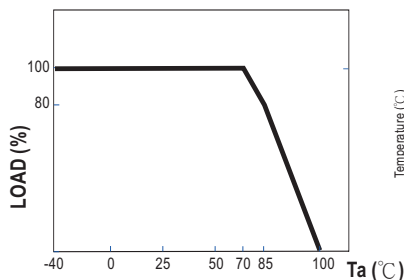


Pin Configuration

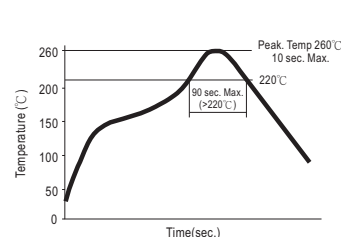
Pin No.	Output
1	-Vin
2	+Vin
3	NC
4	-Vout
5	+Vout
6	NC
7	NC
8	NC

NC : Please DO NOT connect to other pins.

Derating Curve



Reflow Soldering Curve



NOTE

1. All parameters are specified at normal input, rated load, 25°C 70% RH ambient.
2. Ripple & noise are measured at 20MHz by using a 12" twisted pair terminated with a 0.1uf & 47uf capacitor.
3. Line regulation is measured from low line to high line at rated load.
4. Load regulation is measured from 20% to 100% rated load.