



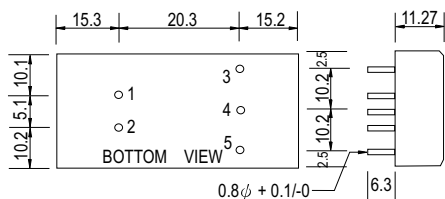
- Features :
- 2:1 wide input range
- 4:1 wide input range ( optional )
- 1000VDC I/O isolation
- 3000VDC I/O isolation ( option )
- Input Pi network filter
- Protections: Short circuit/ Over load
- Free air convection
- Six-sided shield metal case
- High reliability / Low cost
- 100% burn-in test
- 1 year warranty

## SPECIFICATION

ORDER NO.	SLW05A-05	SLW05B-05	SLW05C-05	SLW05A-09	SLW05B-09	SLW05C-09	SLW05A-12	SLW05B-12	SLW05C-12	SLW05A-15	SLW05B-15	SLW05C-15
<b>OUTPUT</b>	DC VOLTAGE			9V			12V			15V		
	CURRENT RANGE			55.6 ~ 556mA			41.7 ~ 417mA			33.3 ~ 333mA		
	RATED POWER			5W								
	VOLTAGE ACCURACY			±2.0%								
	RIPPLE & NOISE (max.) Note.2			50mVp-p			60mVp-p			60mVp-p		
	LINE REGULATION Note.3			±0.2%								
	LOAD REGULATION Note.4			±0.5%								
	SWITCHING FREQUENCY			50KHz min.								
<b>INPUT</b>	VOLTAGE RANGE											
	A: 9 ~ 18VDC B: 18~36VDC C: 36~72VDC											
	EFFICIENCY (Typ.)											
	75% 77% 77% 80% 80% 83% 80% 80% 83% 81% 81% 85%											
<b>DC CURRENT</b>	Full load											
	A: 556mA B: 270mA C: 135mA											
<b>NO LOAD</b>	A: 33mA B: 16mA C: 10mA											
	Pi network											
<b>PROTECTION (Note. 5)</b>	OVER CURRENT											
	160~250% rated output power Protection type : Hiccup mode, recovers automatically after fault condition is removed											
<b>SHORT CIRCUIT</b>	All output equipped with short circuit											
	Protection type : Hiccup mode, recovers automatically after fault condition is removed											
<b>ENVIRONMENT</b>	WORKING TEMP.											
	-25~+71°C (Refer to output load derating curve)											
	WORKING HUMIDITY											
	20%~90% RH non-condensing											
	STORAGE TEMP., HUMIDITY											
-25~+105°C 10~95% RH												
<b>SAFETY &amp; EMC</b>	TEMP. COEFFICIENT											
	±0.03% / °C (0~50°C)											
	VIBRATION											
10~500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes												
<b>WITHSTAND VOLTAGE</b>	I/P-O/P: 1KVDC											
	ISOLATION RESISTANCE											
I/P-O/P: 100M Ohms / 500VDC												
<b>OTHERS</b>	MTBF											
	800khrs min. MIL-HDBK-217F(25°C)											
	DIMENSION											
50.8*25.4*11.27mm or 2**1**0.44" inch (L*W*H)												
WEIGHT												
31g												

### Mechanical Specification

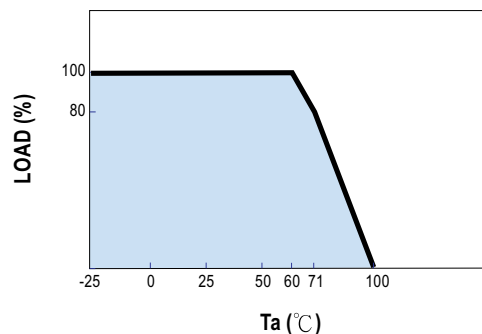
Unit:mm(inch)



### Pin Configuration

Pin no.	Output Single
1	+Vin
2	-Vin
3	+Vout
4	No Pin
5	-Vout

### Derating 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 10% to 100% rated load.
- 5.Please prevent the converter from operating in overload or short circuit condition for more than 30 seconds.