



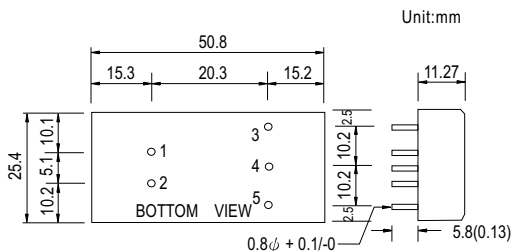
- Features :
  - 2:1 wide input range
  - 4:1 wide input range(option)
  - 1000VDC I/O isolation
  - 3000VDC I/O isolation(option)
  - Built-in EMI filter
  - Protections: Short circuit / Overload
  - Cooling by free air convection
  - Six-sided shield metal case
  - 100% burn-in test
  - Low cost / High reliability
  - Approvals: FCC / CE
  - 2 years 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	5V			9V			12V			15V			
	CURRENT RANGE	100 ~ 1000mA			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			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%	
	DC CURRENT	Full load	A: 556mA B: 270mA C: 135mA											
	No load	A: 33mA B: 16mA C: 10mA												
	FILTER	Pi network												
PROTECTION	Fuse recommended													
<b>PROTECTION (Note. 5)</b>	OVER CURRENT	160 ~ 250% rated output power Protection type : Hiccup mode, recovers automatically after fault condition is removed												
	SHORT CIRCUIT	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												
	TEMP. COEFFICIENT	±0.03%/°C (0 ~ 50°C)												
	VIBRATION	10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes												
<b>SAFETY &amp; EMC</b>	WITHSTAND VOLTAGE	I/P-O/P:1KVDC												
	ISOLATION RESISTANCE	I/P-O/P: 100M Ohms / 500VDC / 25°C / 70% RH												
	EMI CONDUCTION & RADIATION	Compliance to EN55022 Class B, FCC part 15 Class B												
	EMS IMMUNITY	Compliance to EN61000-4-2,3,4,5,6,8, light industry level, criteria A												
<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	32g												

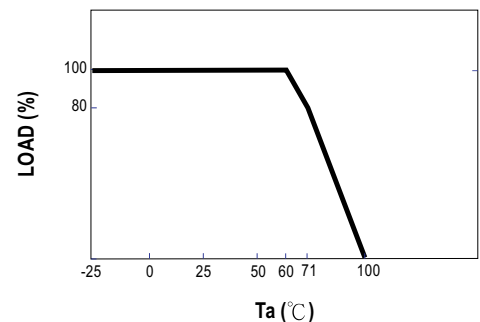
**Mechanical Specification**



**Pin Configuration**

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

**Derating Curve**



**NOTE**

- All parameters are specified at normal input, rated load, 25°C 70% RH ambient.
- Ripple & noise are measured at 20MHz by using a 12" twisted pair terminated with a 0.1uf & 47uf capacitor.
- Line regulation is measured from low line to high line at rated load.
- Load regulation is measured from 10% to 100% rated load.
- Please prevent the converter from operating in overload or short circuit condition for more than 30 seconds.