



■ Features :

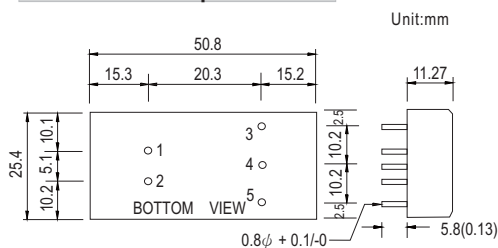
- 2:1 wide input range
- 4:1 wide input range(option)
- 1000VDC I/O isolation
- 3000VDC I/O isolation(option)
- Built-in EMI filter
- Protections: Short circuit / Overload
- Cooling by free air convection
- Six-sided shield metal case
- 100% burn-in test
- Low cost / High reliability
- Approvals: FCC / 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			
OUTPUT	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%											
INPUT	SWITCHING FREQUENCY			50KHz min.											
	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											
PROTECTION (Note. 5)	OVER CURRENT			160 ~ 250% rated output power											
	SHORT CIRCUIT			Protection type : Hiccup mode, recovers automatically after fault condition is removed											
ENVIRONMENT	WORKING TEMP.			-25 ~ +71°C (Refer to "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											
SAFETY & EMC	WITHSTAND VOLTAGE			I/P-O/P:1KVDC											
	ISOLATION RESISTANCE			I/P-O/P: 100M Ohms / 500VDC / 25°C / 70% RH											
	EMC EMISSION			Compliance to EN55032 Class B, FCC part 15 Class B											
	EMC IMMUNITY			Compliance to EN61000-4-2,3,4,5,6,8, light industry level, criteria A											
OTHERS	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											

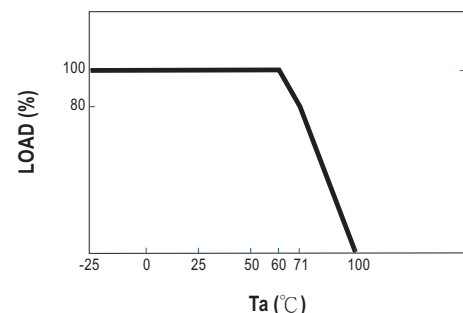
■ Mechanical Specification



■ Pin Configuration

Pinno.	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.