



■ Features :

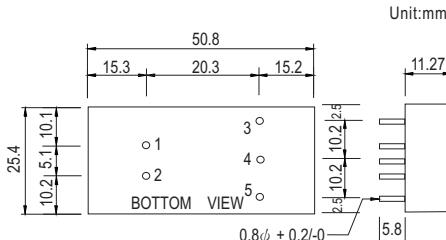
- 2:1 wide input range
- 4:1 wide input range(option)
- 1000VDC I/O isolation
- 3000VDC I/O isolation(option)
- Built-in EMI filter
- Protections: Short circuit / Overload
- Cooling by free air convection
- Six-sided shield metal case
- 100% burn-in test
- Low cost / High reliability
- Approvals: FCC / EAC / CE / UKCA
- 2 years warranty



SPECIFICATION

ORDER NO.	DLW05A-05	DLW05B-05	DLW05C-05	DLW05A-12	DLW05B-12	DLW05C-12	DLW05A-15	DLW05B-15	DLW05C-15
OUTPUT	DC VOLTAGE	±5V		±12V		±15V			
	CURRENT RANGE	±50 ~ ±500mA		±20.8 ~ ±208mA		±16.7 ~ ±167mA			
	RATED POWER	5W							
	RIPPLE & NOISE (max.) ^{Note.2}	50mVp-p		60mVp-p		60mVp-p			
	LINE REGULATION ^{Note.3}	±0.2%							
	LOAD REGULATION ^{Note.4}	±0.5%							
	VOLTAGE ACCURACY	±2.0%							
INPUT	SWITCHING FREQUENCY	50KHz min.							
	VOLTAGE RANGE	A: 9 ~ 18VDC	B: 18 ~ 36VDC	C: 36 ~ 72VDC					
	EFFICIENCY (Typ.)	75%	77%	77%	80%	82%	83%	81%	83%
	DC CURRENT	Full load	A: 556mA	B: 270mA	C: 135mA				
		No load	A: 33mA	B: 16mA	C: 10mA				
PROTECTION ^(Note. 5)	FILTER	Pi network							
	PROTECTION	Fuse recommended							
PROTECTION ^(Note. 5)	OVERLOAD	160 ~ 250% rated output power							
		Protection type : Hiccup mode, recovers automatically after fault condition is removed							
ENVIRONMENT	SHORT CIRCUIT	All output equipped with short circuit							
		Protection type : Hiccup mode, recovers automatically after fault condition is removed							
SAFETY & EMC	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)							
OTHERS	VIBRATION	10 ~ 500Hz, 2G 10min./1 cycle, period for 60min. each along X, Y, Z axes							
	SAFETY STANDARDS	EAC TP TC 020/2011 approved							
	WITHSTAND VOLTAGE	I/P-O/P:1KVDC							
	ISOLATION RESISTANCE	I/P-O/P: 100M Ohms / 500VDC / 25°C / 70% RH							
	EMC EMISSION	Compliance to BS EN/EN55032 Class B, FCC part 15 Class B, EAC TP TC 020							
OTHERS	EMC IMMUNITY	Compliance to BS EN/EN61000-4-2,3,4,5,6,8, light industry level, criteria A, EAC TP TC 020							
	MTBF	800khrs min. MIL-HDBK-217F(25°C)							
	DIMENSION	50.8*25.4*11.27mm or 2.0**1.0**0.44" inch (L*W*H)							
OTHERS	WEIGHT	32g							

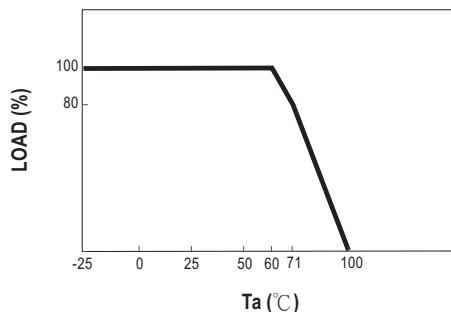
■ Mechanical Specification



■ Pin Configuration

Pin no.	Output
1	Dual
2	+Vin
3	-Vin
4	+Vout
4	COM
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.

※ Product Liability Disclaimer : For detailed information, please refer to <https://www.meanwell.com/serviceDisclaimer.aspx>