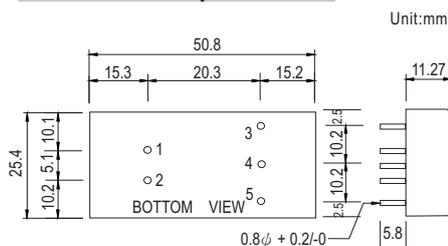■ Features :
* 2:1 wide input range
* 4:1 wide input range(option)
* 1000VDC I/O isolation
* 3000VDC I/O isolation(option)
* Built-in EMI filter
* Protections: Short circuit / Overload
* Cooling by free air convection
* Six-sided shield metal case
* 100% burn-in test
* Low cost / High reliability
* Approvals: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

SPECIFICATION

ORDER NO.		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%								
	SWITCHING FREQUENCY	50KHz min.								
INPUT	VOLTAGE RANGE	A: 9 ~ 18VDC B: 18 ~ 36VDC C: 36 ~ 72VDC								
	EFFICIENCY (Typ.)	75%	77%	77%	80%	82%	83%	81%	83%	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								
PROTECTION (Note. 5)	OVERLOAD	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								
ENVIRONMENT	WORKING TEMP.	-25 ~ +71℃ (Refer to "Derating Curve")								
	WORKING HUMIDITY	20% ~ 90% RH non-condensing								
	STORAGE TEMP., HUMIDITY	-25 ~ +105℃, 10 ~ 95% RH								
	TEMP. COEFFICIENT	±0.03% / ℃ (0 ~ 50℃)								
	VIBRATION	10 ~ 500Hz, 2G 10min./1 cycle, period for 60min. each along X, Y, Z axes								
SAFETY & EMC	SAFETY STANDARDS	EAC TP TC 004 approved								
	WITHSTAND VOLTAGE	I/P-O/P:1KVDC								
	ISOLATION RESISTANCE	I/P-O/P: 100M Ohms / 500VDC / 25℃ / 70% RH								
	EMC EMISSION	Compliance to EN55032 Class B, FCC part 15 Class B, EAC TP TC 020								
	EMC IMMUNITY	Compliance to EN61000-4-2,3,4,5,6,8, light industry level, criteria A, EAC TP TC 020								
OTHERS	MTBF	800khrs min. MIL-HDBK-217F(25℃)								
	DIMENSION	50.8*25.4*11.27mm or 2.0"*1.0"*0.44" inch (L*W*H)								
	WEIGHT	32g								

■ **Mechanical Specification**

Unit:mm

■ **Pin Configuration**

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

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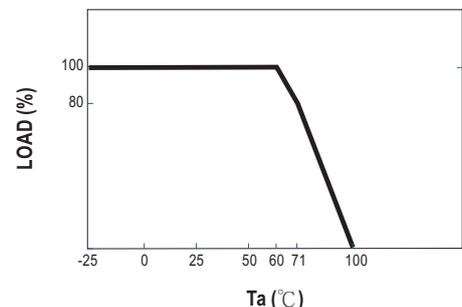
NOTE	1.All parameters are specified at normal input, rated load, 25℃ 70% RH ambient. 2.Ripple & noise are measured at 20MHz by using a 12" twisted pair terminated with a 0.1uf & 47uf capacitor. 3.Line regulation is measured from low line to high line at rated load. 4.Load regulation is measured from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