



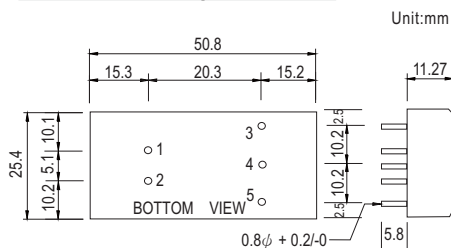
- Features :
 - 2:1 wide input range
 - 4:1 wide input range(option)
 - 1000VDC I/O isolation
 - 3000VDC I/O isolation(option)
 - Built-in EMI filter
 - Protections: Short circuit / Overload
 - Cooling by free air convection
 - Six-sided shield metal case
 - 100% burn-in test
 - Low cost / High reliability
 - 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			±12V			±15V			
	CURRENT RANGE			±20.8 ~ ±208mA			±16.7 ~ ±167mA			
	RATED POWER									5W
	RIPPLE & NOISE (max.) <small>Note.2</small>			50mVp-p			60mVp-p			
	LINE REGULATION <small>Note.3</small>			±0.2%						
	LOAD REGULATION <small>Note.4</small>			±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 <small>(Note. 5)</small>	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°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./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°C / 70% RH
	EMC EMISSION									Compliance to BS EN/EN55032 Class B, FCC part 15 Class B, EAC TP TC 020
	EMC IMMUNITY									Compliance to BS EN/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°C)
	DIMENSION									50.8*25.4*11.27mm or 2.0**1.0**0.44" inch (L*W*H)
	WEIGHT									32g

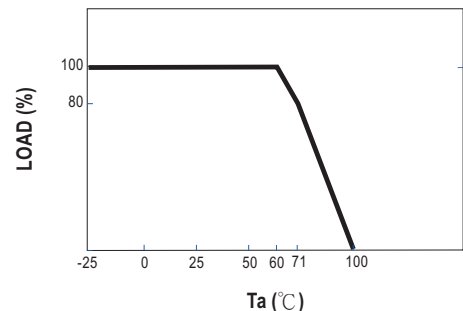
Mechanical Specification



Pin Configuration

Pin no.	Output Dual
1	+Vin
2	-Vin
3	+Vout
4	COM
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.
- ※ Product Liability Disclaimer : For detailed information, please refer to <https://www.meanwell.com/serviceDisclaimer.aspx>