



■ Features :

- 2:1 wide input range
- 4:1 wide input range(option)
- 1500VDC 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

■ GTIN CODE

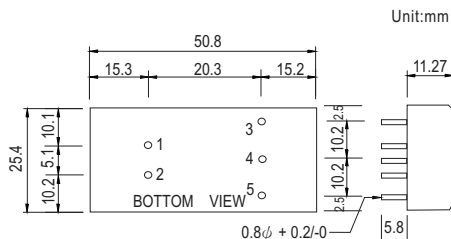
MW Search: <https://www.meanwell.com/serviceGTIN.aspx>



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.) <sup>Note.2</sup>			50mVp-p			60mVp-p			60mVp-p		
	LINE REGULATION <sup>Note.3</sup>			±0.2%								
	LOAD REGULATION <sup>Note.4</sup>			±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°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 020/2011 approved								
	WITHSTAND VOLTAGE			I/P-O/P: 1.5KVDC								
	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)								
PACKING			31.2g ; 10pcs/per tube, 400pcs/40 tube/per carton									

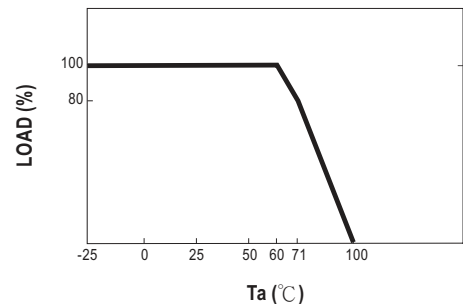
■ Mechanical Specification



■ 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°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>

**■ Packing**

Standard Tube Packing	MPQ Per Tube (PCS)	One Tube G.W.	Max. Q'TY/ Carton(PCS)	One Carton G.W.
<p>Unit : mm</p> <p>Tube pattern</p> <p>CARTON L600 x W230 x H220</p>	10	400g	400	16.8Kg

**■ Installation Manual**

Please refer to : <http://www.meanwell.com/manual.html>