



■ 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

■ GTIN CODE

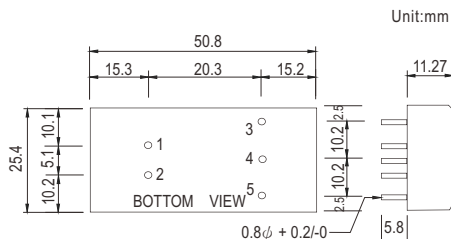
MW Search: <https://www.meanwell.com/serviceGTIN.aspx>



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.) ^{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°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										
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										

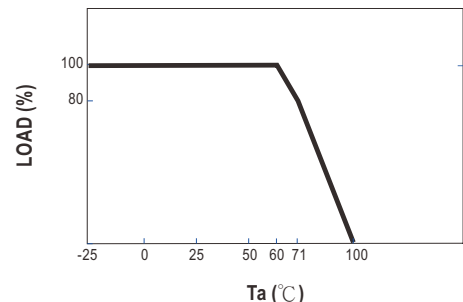
■ Mechanical Specification



■ Pin Configuration

Pin no.	Output
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>