



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

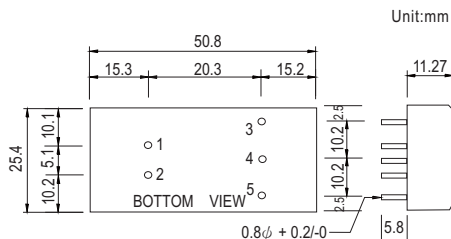
MW Search: <https://www.meanwell.com/serviceGTIN.aspx>



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.) 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 020/2011 approved									
	WITHSTAND VOLTAGE	I/P-O/P: 1.5KVDC									
	ISOLATION RESISTANCE	I/P-O/P: 100M Ohms / 500VDC / 25℃ / 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℃)									
	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									

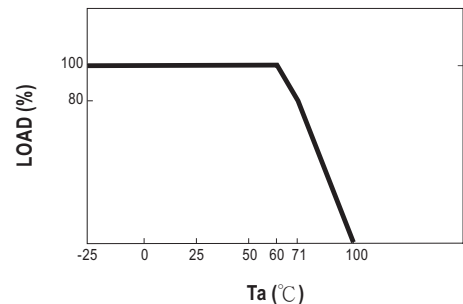
Mechanical Specification



Pin Configuration

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

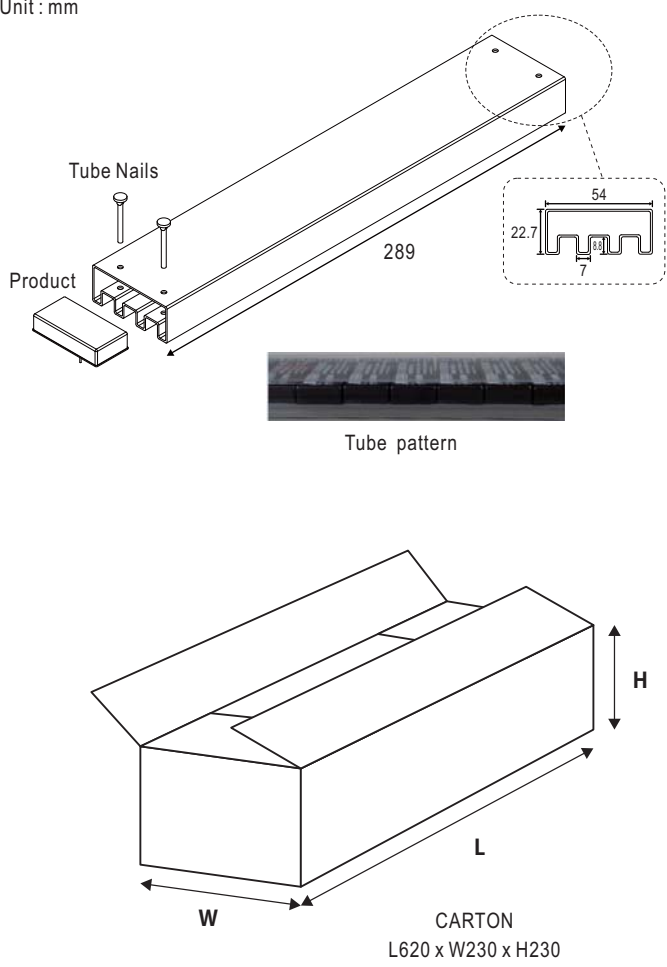
Derating Curve



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.
Unit : mm  Tube Nails Product 289 54 22.7 7 Tube pattern CARTON L620 x W230 x H230	10	400g	400	16.8Kg

Installation Manual

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