



- 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>

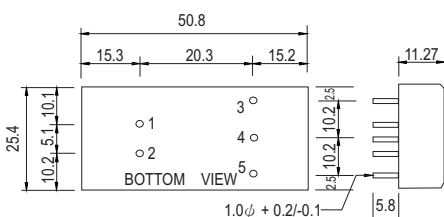


## SPECIFICATION

ORDER NO.	DKA15A-05	DKA15B-05	DKA15C-05	DKA15A-12	DKA15B-12	DKA15C-12	DKA15A-15	DKA15B-15	DKA15C-15						
OUTPUT	DC VOLTAGE			±5V			±12V			±15V					
	CURRENT RANGE			±150 ~ ±1500mA			±62.5 ~ ±625mA			±50 ~ ±500mA					
	RATED POWER			15W											
	RIPPLE & NOISE (max.) Note.2			50mVp-p			60mVp-p								
	LINE REGULATION Note.3			±0.2%											
	LOAD REGULATION Note.4			±0.5%											
	VOLTAGE ACCURACY			±2.0%											
	SWITCHING FREQUENCY			150KHz min.											
INPUT	EXTERNAL CAPACITANCE LOAD (max.)			1200uF	1200uF	330uF	820uF	820uF	220uF	680uF	680uF	100uF			
	VOLTAGE RANGE			A: 9 ~ 18VDC B: 18 ~ 36VDC C: 36 ~ 72VDC											
	EFFICIENCY (Typ.)			80%	80%	82%	83%	80%	82%	83%	80%	82%			
	DC CURRENT			Full load			A: 1600mA B: 800mA C: 400mA			No load			A: 30mA B: 30mA C: 15mA		
	FILTER			Pi network											
PROTECTION			Fuse recommended												
PROTECTION (Note. 5)	OVER CURRENT			110% ~ 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.			-40 ~ +71°C (Refer to "Derating Curve")											
	WORKING HUMIDITY			20% ~ 90% RH non-condensing											
	STORAGE TEMP., HUMIDITY			-40 ~ +105°C, 10 ~ 95% RH											
	TEMP. COEFFICIENT			±0.03% / °C (0 ~ 50°C)											
	VIBRATION			10 ~ 500Hz, 2G 10min./1cycle, 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 A, FCC part 15 Class A, 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			300Khrs min. MIL-HDBK-217F (25°C)											
	DIMENSION			50.8*25.4*11.27mm or 2**1**0.44" inch (L*W*H)											
PACKING			31.2g ; 10pcs/per tube, 400pcs/40 tube/per carton												

### ■ Mechanical Specification

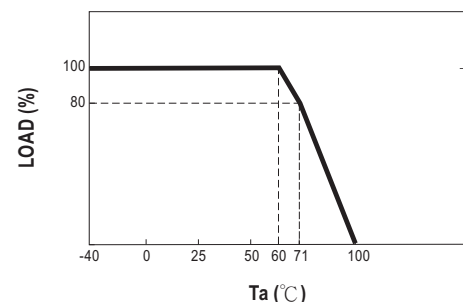
Unit: mm (inch)



### ■ Pin Configuration

Pin No.	Output
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>

**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 Nails</p> <p>Product</p> <p>289</p> <p>54</p> <p>22.7</p> <p>7</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>