



■ Features :

- 2:1 wide input range
- 4:1 wide input range(optionl)
- 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

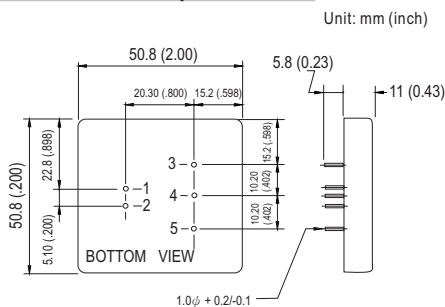
MW Search: <https://www.meanwell.com/serviceGTIN.aspx>



SPECIFICATION

ORDER NO.	DKE15A-05	DKE15B-05	DKE15C-05	DKE15A-12	DKE15B-12	DKE15C-12	DKE15A-15	DKE15B-15	DKE15C-15	DKE15A-24	DKE15B-24	DKE15C-24		
OUTPUT	DC VOLTAGE			±5V			±12V			±15V			±24V	
	CURRENT RANGE			±150 ~ ±1500mA			±62.5 ~ ±625mA			±50 ~ ±500mA			±31.3 ~ ±313mA	
	RATED POWER			15W										
	RIPPLE & NOISE (max.) Note.2			50mVp-p			60mVp-p			60mVp-p			80mVp-p	
	LINE REGULATION Note.3			±0.3%										
	LOAD REGULATION Note.4			±0.5%										
	VOLTAGE ACCURACY			±2.0%										
	SWITCHING FREQUENCY			150KHz min.										
INPUT	VOLTAGE RANGE			A: 9 ~ 18VDC B: 18~36VDC C: 36~72VDC										
	EFFICIENCY (Typ.)			81%	83%	79%	82%	83%	82%	82%	83%	82%	84%	85%
	DC CURRENT			Full load A: 1700mA B: 800mA C: 400mA			No load A: 40mA B: 20mA C: 10mA							
	FILTER			Pi network										
	PROTECTION			Fuse recommended										
PROTECTION (Note. 5)	OVER CURRENT			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./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*50.8*11.0mm or 2**2**0.43" inch (L*W*H)										
PACKING			60g ; 5pcs/per tube, 200pcs/40 tube/per carton											

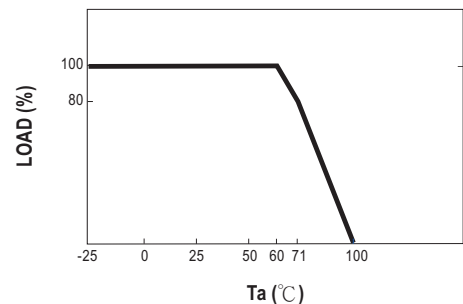
■ Mechanical Specification



■ 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.
<p>Unit : mm</p> <p>Tube pattern</p> <p>CARTON L620 x W230 x H230</p>	5	360g	200	15.2Kg

■ Installation Manual

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