



## ■ Features :

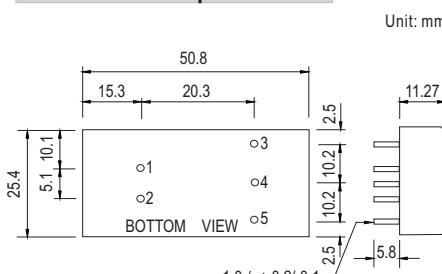
- 2:1 wide input range
- 4:1 wide input range(option)
- 1000VDC I/O isolation
- 3000VDC I/O isolation(option)
- Built-in EMI filter
- Protections: Short circuit / Overload
- Cooling by free air convection
- Six-sided shield metal case
- 100% burn-in test
- Low cost / High reliability
- Approvals: FCC / EAC / CE / UKCA
- 2 years warranty



## SPECIFICATION

ORDER NO.	DKE10A-05	DKE10B-05	DKE10C-05	DKE10A-12	DKE10B-12	DKE10C-12	DKE10A-15	DKE10B-15	DKE10C-15	DKE10A-24	DKE10B-24	DKE10C-24
OUTPUT	DC VOLTAGE	±5V		±12V		±15V				±24V		
	CURRENT RANGE	±100 ~ ±1000mA		±42 ~ ±420mA		±33.3 ~ ±333mA				±21 ~ ±210mA		
	RATED POWER	10W										
	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%										
INPUT	VOLTAGE ACCURACY	±2.0%										
	SWITCHING FREQUENCY	250KHz min.										
	VOLTAGE RANGE	A: 9 ~ 18VDC	B: 18 ~ 36VDC	C: 36 ~ 72VDC								
	EFFICIENCY (Typ.)	78%	81%	82%	80%	80%	83%	80%	80%	82%	82%	81%
	DC CURRENT	Full load	A: 1100mA	B: 530mA	C: 270mA							
		No load	A: 30mA	B: 16mA	C: 8mA							
PROTECTION (Note. 5)	FILTER	Pi network										
	PROTECTION	Fuse recommended										
	OVER CURRENT	160% ~ 250% rated output power										
		Protection type : Hiccup mode, recovers automatically after fault condition is removed										
ENVIRONMENT	SHORT CIRCUIT	All output equipped with short circuit										
		Protection type : Hiccup mode, recovers automatically after fault condition is removed										
	WORKING TEMP.	-25 ~ +71°C (Refer to "Derating Curve")										
	WORKING HUMIDITY	20% ~ 90% RH non-condensing										
SAFETY & EMC	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 STANDARDS	EAC TP TC 020/2011 approved										
OTHERS	WITHSTAND VOLTAGE	I/P-O/P:1KVDC										
	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										
	EMC IMMUNITY	Compliance to BS EN/EN61000-4-2,3,4,5,6,8, light industry level, criteria A, EAC TP TC 020										
DIMENSION	MTBF	500Khrs min. MIL-HDBK-217F(25°C)										
		25.8*25.4*11.2mm or 2"**1"**0.44" inch (L*W*H)										
	WEIGHT	32g										

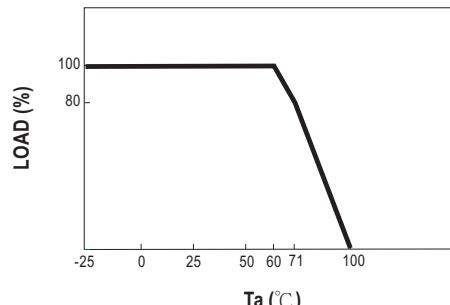
## ■ Mechanical Specification



## ■ 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>