



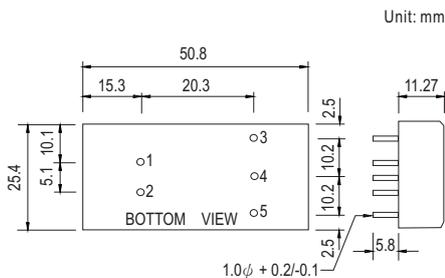
- Features :
- 2:1 wide input range
- 4:1 wide input range(option)
- 1000VDC I/O isolation
- 3000VDC I/O isolation(option)
- Built-in EMI filter
- Protections: Short circuit / Overload
- Cooling by free air convection
- Six-sided shield metal case
- 100% burn-in test
- Low cost / High reliability
- Approvals: FCC / CE
- 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%																						
	VOLTAGE ACCURACY			±2.0%																						
	SWITCHING FREQUENCY			250KHz min.																						
INPUT	VOLTAGE RANGE													A: 9 ~ 18VDC B: 18 ~ 36VDC C: 36 ~ 72VDC												
	EFFICIENCY (Typ.)													78% 81% 82% 80% 80% 83% 80% 80% 82% 82% 81% 85%												
	DC CURRENT													Full load A: 1100mA B: 530mA C: 270mA No load A: 30mA B: 16mA C: 8mA												
	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 004 approved												
	WITHSTAND VOLTAGE													I/P-O/P:1KVDC												
	ISOLATION RESISTANCE													I/P-O/P: 100M Ohms / 500VDC / 25°C / 70% RH												
	EMC EMISSION													Compliance to EN55032 Class A, FCC part 15 Class A, EAC TP TC 020												
	EMC IMMUNITY													Compliance to EN61000-4-2,3,4,5,6,8, light industry level, criteria A, EAC TP TC 020												
OTHERS	MTBF													500Khrs min. MIL-HDBK-217F(25°C)												
	DIMENSION													50.8*25.4*11.2mm or 2**1**0.44" inch (L*W*H)												
	WEIGHT													32g												

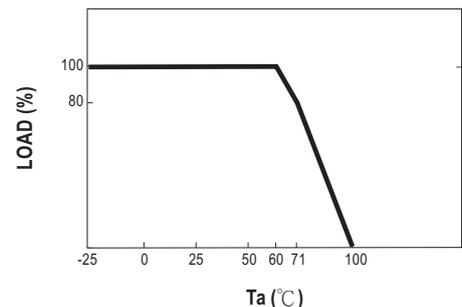
■ Mechanical Specification



■ 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>