



Features:

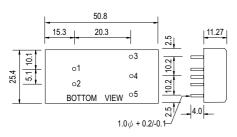
- 2:1 wide input range
- 4:1 wide input range (optional)
- 1000VDC I/O isolation
- · Input Pi network filter
- Protections: Short circuit/ Over load
- Free air convection
- Six-sided shield metal case
- High reliability/ Low cost
- 100% burn-in test
- 1 year warranty

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	
	DC VOLTAGE	±5V			±12V			±15V			±24V			
ОИТРИТ	CURRENT RANGE	±100 ~ ±1000mA			±42 ~ ±420mA			±33.3 ~ ±333mA			±21 ~ ±210mA			
	RATED POWER				10			DW .						
	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%											
	SWITCHING FREQUENCY	250KHz min.												
INPUT	VOLTAGE RANGE	A: 9 ~ 18V	A: 9 ~ 18VDC B: 18~36VDC C: 36~72VDC											
	EFFICIENCY (Typ.)	78%	81%	82%	80%	80%	83%	80%	80%	84%	82%	81%	85%	
	DC CURRENT	Full load A: 1100mA B: 530mA C: 270mA												
	DO CONTRACTO	No load A: 30mA B: 16mA C: 8mA												
	FILTER	Pi network												
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 output load derating curve)											
	WORKING HUMIDITY	20%~90% RH non-condensing												
	STORAGE TEMP., HUMIDITY	-25~+105°C 10~95% RH												
	TEMP. COEFFICIENT	±0.03% / ℃ (0~50℃)												
•••	VIBRATION	10~500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes												
SAFETY &	WITHSTAND VOLTAGE	I/P-O/P:1KVDC												
EMC	ISOLATION RESISTANCE	I/P-O/P: 100M Ohms / 500VDC												
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

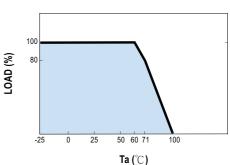
Unit: mm (inch)



Output Pinno Dual +Vin 2 -Vin 3 +Vout COMMON -Vout

■ Pin Configuration

■ 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.