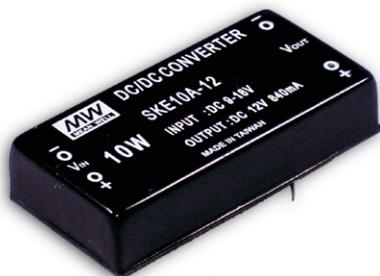


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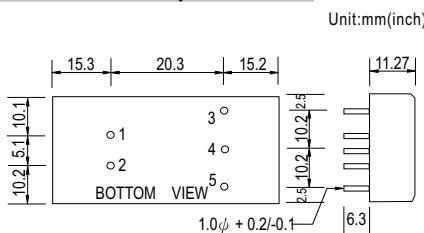
■ Features :

- 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.	SKE10A-05	SKE10B-05	SKE10C-05	SKE10A-12	SKE10B-12	SKE10C-12	SKE10A-15	SKE10B-15	SKE10C-15	SKE10A-24	SKE10B-24	SKE10C-24
OUTPUT	DC VOLTAGE	5V		12V		15V				24V		
	CURRENT RANGE	200 ~ 2000mA		84 ~ 840mA		66.6 ~ 666mA				42 ~ 420mA		
	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%							
INPUT	SWITCHING FREQUENCY			200KHz min.								
	VOLTAGE RANGE	A: 9 ~ 18VDC	B: 18~36VDC	C: 36~72VDC								
	EFFICIENCY (Typ.)	78%	79%	80%	79%	81%	81%	80%	82%	82%	81%	82%
	DC CURRENT	Full load	A: 1100mA	B: 530mA	C: 270mA							
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% / °C (0~50°C)										
SAFETY & EMC	VIBRATION	10~500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes										
	WITHSTAND VOLTAGE	I/P-O/P:1KVDC										
	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										

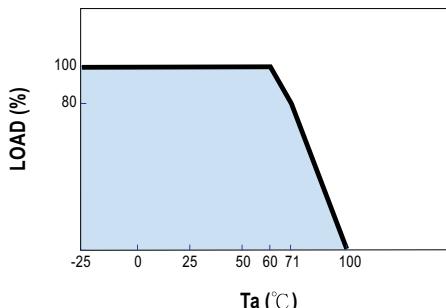
## ■ Mechanical Specification



## ■ Pin Configuration

Pin no.	Output Single
1	+Vin
2	-Vin
3	+Vout
4	No Pin
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.