



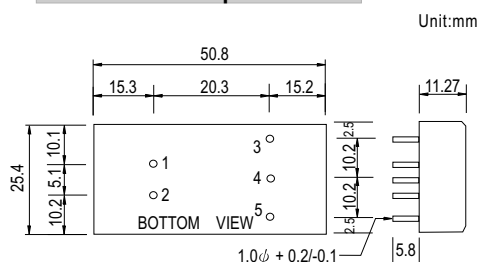
- Features :
- 2:1 wide input range
- 4:1 wide input range(option)
- 1000VDC I/O isolation
- 3000VDC I/O isolation(option)
- Built-in EMI filter
- Protections: Short circuit / Overload
- Cooling by free air convection
- Six-sided shield metal case
- 100% burn-in test
- Low cost / High reliability
- Approvals: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



## SPECIFICATION

ORDER NO.	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			12V			15V			24V					
	CURRENT RANGE			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			±2.0%											
	SWITCHING FREQUENCY			200KHz min.											
INPUT	VOLTAGE RANGE			A: 9 ~ 18VDC B: 18 ~ 36VDC C: 36 ~ 72VDC											
	EFFICIENCY (Typ.)			78%	79%	80%	79%	81%	81%	80%	82%	82%	81%	82%	83%
	DC CURRENT			Full load A: 1100mA B: 530mA C: 270mA No load A: 28mA 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											
	WORKING TEMP.			-25 ~ +71°C (Refer to output load derating curve)											
ENVIRONMENT	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											
	WITHSTAND VOLTAGE			I/P-O/P: 1KVDC											
SAFETY & EMC	ISOLATION RESISTANCE			I/P-O/P: 100M Ohms / 500VDC / 25°C / 70% RH											
	EMI CONDUCTION & RADIATION			Compliance to EN55022 Class B, FCC part 15 Class B											
	EMS IMMUNITY			Compliance to EN61000-4-2,3,4,5,6,8, light industry level, criteria A											
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											

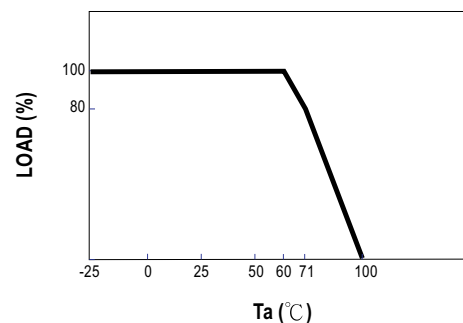
### Mechanical Specification



### 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.