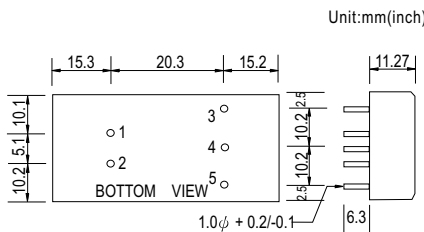


- Features :
- 2:1 wide input range
- 4:1 wide input range (optional)
- 1000VDC I/O isolation
- Input Pi network filter
- Protections: Short circuit/ Over load
- Free air convection
- Six-sided shield metal case
- High reliability/ Low cost
- 100% burn-in test
- 1 year warranty

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%									
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 (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)									
	VIBRATION		10~500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes									
SAFETY & EMC	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									

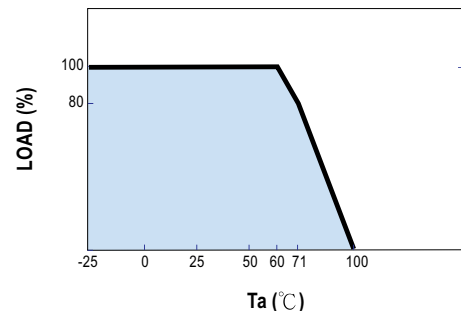
■ Mechanical Specification



■ 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.