



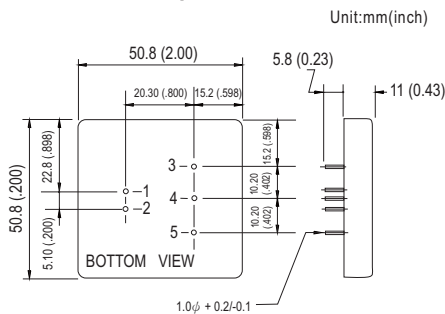
- Features :
  - 2:1 wide input range
  - 4:1 wide input range(option)
  - 1000VDC I/O isolation
  - 3000VDC I/O isolation(option)
  - Built-in EMI filter
  - Protections: Short circuit / Overload
  - Cooling by free air convection
  - Six-sided shield metal case
  - 100% burn-in test
  - Low cost /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



## SPECIFICATION

ORDER NO.	SKE15A-05	SKE15B-05	SKE15C-05	SKE15A-12	SKE15B-12	SKE15C-12	SKE15A-15	SKE15B-15	SKE15C-15	SKE15A-24	SKE15B-24	SKE15C-24	
OUTPUT	DC VOLTAGE			12V			15V			24V			
	CURRENT RANGE			125 ~ 1250mA			100 ~ 1000mA			62.5 ~ 625mA			
	RATED POWER												15W
	RIPPLE & NOISE (max.) Note.2			60mVp-p			60mVp-p			80mVp-p			
	LINE REGULATION Note.3			±0.3%									
	LOAD REGULATION Note.4			±0.5%									
	VOLTAGE ACCURACY			±2.0%									
	SWITCHING FREQUENCY			150KHz min.									
INPUT	VOLTAGE RANGE												A: 9 ~ 18VDC B: 18 ~ 36VDC C: 36 ~ 72VDC
	EFFICIENCY (Typ.)												79% 79% 80% 80% 82% 82% 80% 83% 83% 82% 83% 84%
	DC CURRENT			Full load A: 1700mA B: 800mA C: 400mA									
				No load A: 40mA B: 20mA C: 10mA									
	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												300Khrs min. MIL-HDBK-217F(25°C)
	DIMENSION												50.8*50.8*11.0 mm or 2**2**0.43" inch (L*W*H)
	WEIGHT												65g

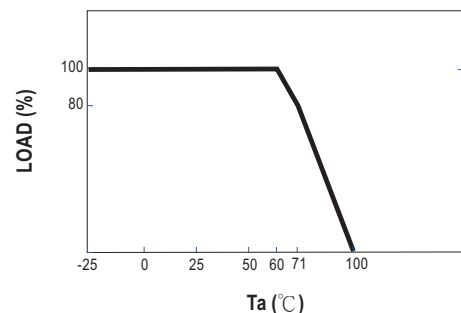
### Mechanical Specification



### Pin Configuration

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

### Derating Curve



### NOTE

- All parameters are specified at normal input, rated load, 25°C 70% RH ambient.
- Ripple & noise are measured at 20MHz by using a 12" twisted pair terminated with a 0.1uf & 47uf capacitor.
- Line regulation is measured from low line to high line at rated load.
- Load regulation is measured from 10% to 100% rated load.
- Please prevent the converter from operating in overload or short circuit condition for more than 30 seconds.