



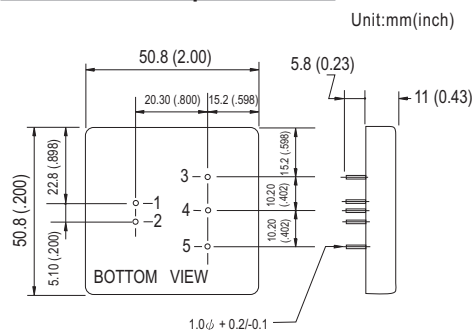
- Features :
 - 2:1 wide input range
 - 4:1 wide input range(option)
 - 1000VDC I/O isolation
 - 3000VDC I/O isolation(option)
 - Built-in EMI filter
 - Protections: Short circuit / Overload
 - Cooling by free air convection
 - Six-sided shield metal case
 - 100% burn-in test
 - Low cost / High reliability
 - 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			50mVp-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 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 / 25°C / 70% RH											
	EMC EMISSION			Compliance to EN55022 Class B, FCC part 15 Class B											
EMC IMMUNITY			Compliance to EN61000-4-2,3,4,5,6,8, light industry level, criteria A												
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											

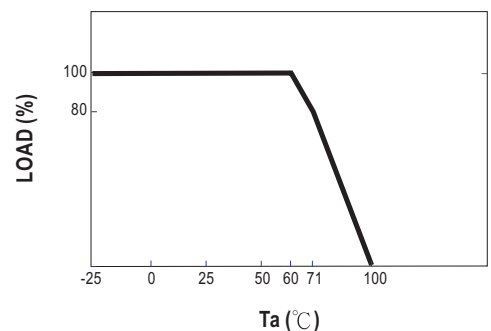
Mechanical Specification



Pin Configuration

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

Derating Curve



NOTE

- 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.