



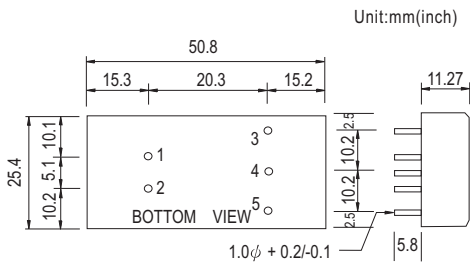
- Features :
- 2:1 wide input range
- 4:1 wide input range(option)
- 1000VDC I/O isolation
- 3000VDC I/O isolation(option)
- Built-in EMI filter
- Protections: Short circuit / Overload
- Cooling by free air convection
- Six-sided shield metal case
- 100% burn-in test
- Low cost / High reliability
- Approvals: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



SPECIFICATION

ORDER NO.	SKA15A-033	SKA15B-033	SKA15C-033	SKA15A-05	SKA15B-05	SKA15C-05	SKA15A-12	SKA15B-12	SKA15C-12	SKA15A-15	SKA15B-15	SKA15C-15
OUTPUT	DC VOLTAGE			5V			12V			15V		
	CURRENT RANGE			300 ~ 3000mA			125 ~ 1250mA			100 ~ 1000mA		
	RATED POWER			9.9W			15W					
	RIPPLE & NOISE (max.) Note.2			50mVp-p			60mVp-p			60mVp-p		
	LINE REGULATION Note.3			±0.2%								
	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.)											
	76% 76% 76% 78% 78% 80% 82% 80% 82% 82% 82% 80% 82%											
	DC CURRENT											
Full load A: 1700mA B: 800mA C: 400mA												
No load A: 20mA B: 30mA C: 15mA												
FILTER												
Pi network												
PROTECTION												
Fuse recommended												
PROTECTION (Note. 5)	OVER CURRENT											
	110% ~ 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.											
	-40 ~ +71°C (Refer to output load derating curve)											
	WORKING HUMIDITY											
	20% ~ 90% RH non-condensing											
	STORAGE TEMP., HUMIDITY											
-40 ~ +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*25.4*11.27 mm or 2**1**0.44" inch (L*W*H)												
WEIGHT												
32g												

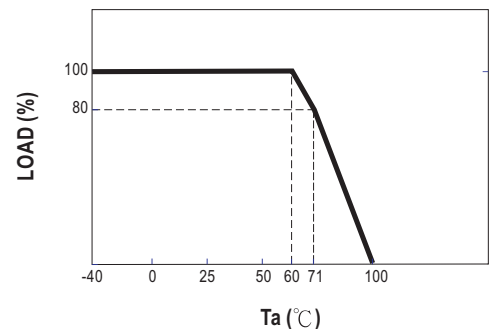
■ Mechanical Specification



■ 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.