

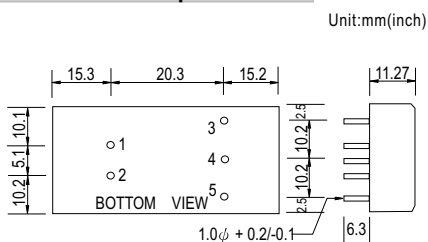


- Features :
 - 2:1 wide input range
 - 1000VDC I/O isolation
 - 3000VDC I/O isolation
 - Input Pi network filter
 - Protections: Short circuit/ Over load
 - Free air convection
 - Six-sided shield metal case
 - High reliability/ Low cost
 - 100% burn-in test

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	3.3V			5V			12V			15V		
	CURRENT RANGE	300 ~ 3000mA			300 ~ 3000mA			125 ~ 1250mA			100 ~ 1000mA		
	RATED POWER	9.9W			15W								
	RIPPLE & NOISE (max.) Note.2	50mVp-p			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%	80%	82%
	DC CURRENT	Full load A: 1700mA B: 800mA C: 400mA No load A: 20mA B: 30mA C: 15mA											
	FILTER	Pi network											
PROTECTION (Note.5)	OVER CURRENT	110% ~ 200% 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	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	60g											

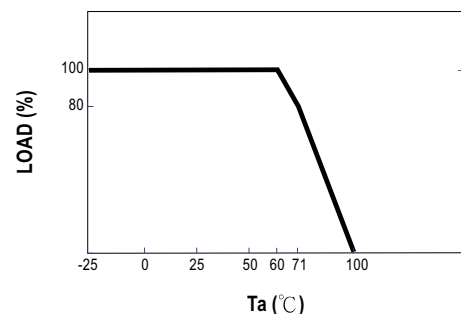
■ Mechanical Specification



■ 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.