

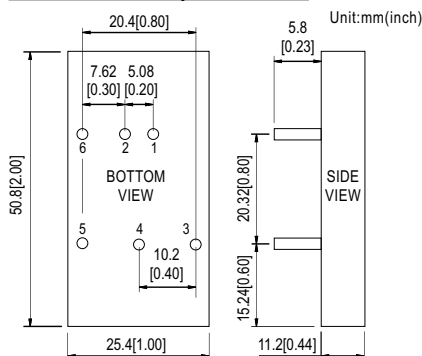
- Features :
 - 2"x1" compact size
 - 2:1 wide input range
 - High efficiency up to 89.5%
 - 1500VDC I/O isolation
 - Built-in remote ON/OFF control
 - Built-in trimming output
 - Built-in EMI filter
 - Protections: Short circuit / Overload / Input and Output Over voltage
 - Cooling by free air convection
 - Six-sided shield metal case
 - 100% burn-in test
 - Low cost / High reliability
 - Approvals: FCC / CE
 - 2 years warranty



SPECIFICATION

ORDER NO.	SKA20A-05	SKA20B-05	SKA20C-05	SKA20A-12	SKA20B-12	SKA20C-12	SKA20A-15	SKA20B-15	SKA20C-15	
OUTPUT	DC VOLTAGE			12V			15V			
	CURRENT RANGE			166 ~ 1666mA			133 ~ 1333mA			
	RATED POWER									
	RIPPLE & NOISE (max.) Note.2			60mVp-p			60mVp-p			
	LINE REGULATION Note.3									
	LOAD REGULATION Note.4									
	VOLTAGE ACCURACY									
	SWITCHING FREQUENCY									
	EXTERNAL CAPACITANCE LOAD (max.)			220uF			100uF			
EXTERNAL TRIM Adj. RANGE(Typ.)			-20 ~ +10%			-20 ~ +10%				
INPUT	VOLTAGE RANGE									
	EFFICIENCY (Typ.)									
	DC CURRENT	Full load			1910mA			970mA		
		No load			80mA			55mA		
	FILTER									
	REMOTE CONTROL									
PROTECTION										
PROTECTION (Note. 5)	OVER CURRENT									
	SHORT CIRCUIT									
	OVER VOLTAGE									
	WORKING TEMP.									
ENVIRONMENT	WORKING HUMIDITY									
	STORAGE TEMP., HUMIDITY									
	TEMP. COEFFICIENT									
	VIBRATION									
	WITHSTAND VOLTAGE									
SAFETY & EMC	ISOLATION RESISTANCE									
	EMC EMISSION									
	EMC IMMUNITY									
OTHERS	MTBF									
	DIMENSION									
	WEIGHT									

Mechanical Specification

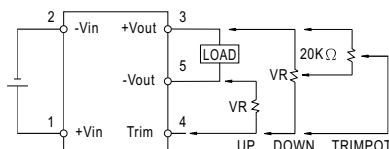


Pin Configuration

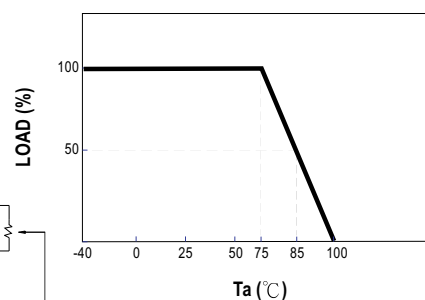
Pin No.	Output	Pin No.	Output
1	+Vin	4	Trim
2	-Vin	5	-Vout
3	+Vout	6	R.C

NOTE: Pin Size is Tolerance 1.0 φ ±0.10mm

External Output Trimming



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.