



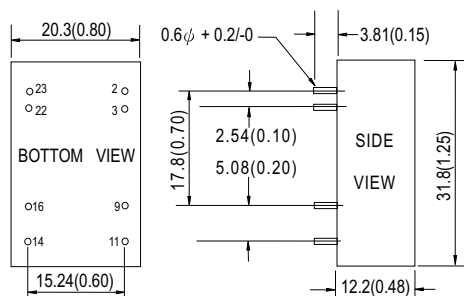
- Features :
  - 2:1 wide input range
  - 4:1 wide input range(optional)
  - 1000VDC I/O isolation
  - Input Pi network filter
  - Protections: Short circuit / Over load
  - Free air convection
  - Five-sided shield metal case
  - High reliability/ Low cost
  - 100% burn-in test
  - 1 year warranty

## SPECIFICATION

ORDER NO.	SCW05A-05	SCW05B-05	SCW05C-05	SCW05A-09	SCW05B-09	SCW05C-09	SCW05A-12	SCW05B-12	SCW05C-12	SCW05A-15	SCW05B-15	SCW05C-15	
OUTPUT	DC VOLTAGE		5V		9V		12V		15V				
	CURRENT RANGE		100 ~ 1000mA		56 ~ 556mA		47 ~ 470mA		40 ~ 400mA				
	RATED POWER		5W		5W		5.6W		6W				
	RIPPLE & NOISE (max.) Note.2		50mVp-p		60mVp-p		60mVp-p		60mVp-p				
	LINE REGULATION Note.3		±0.5%										
	LOAD REGULATION Note.4		±0.5%										
	VOLTAGE ACCURACY		±2%										
	SWITCHING FREQUENCY		50KHz min.										
INPUT	VOLTAGE RANGE												
	EFFICIENCY (Typ.)												
	DC CURRENT												
	FILTER												
PROTECTION (Note. 5)	OVER LOAD												
	SHORT CIRCUIT												
	WORKING TEMP.												
ENVIRONMENT	WORKING HUMIDITY												
	STORAGE TEMP., HUMIDITY												
	TEMP. COEFFICIENT												
	VIBRATION												
	SAFETY	WITHSTAND VOLTAGE											
ISOLATION RESISTANCE													
ISOLATION CAPACITANCE													
OTHERS	MTBF												
	DIMENSION												
	WEIGHT												

### Mechanical Specification

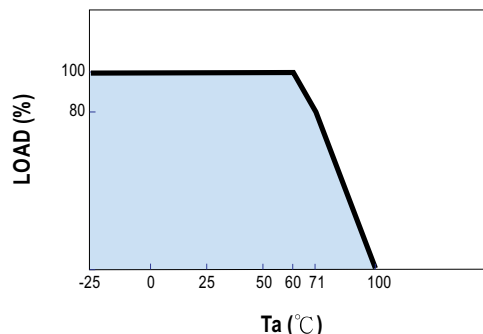
Unit:mm(inch)



### Pin Configuration

Pin no.	Output Single
2 & 3	-Vin
9	N.C.
11	N.C.
14	+Vout
16	-Vout
22 & 23	+Vin

### 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.