



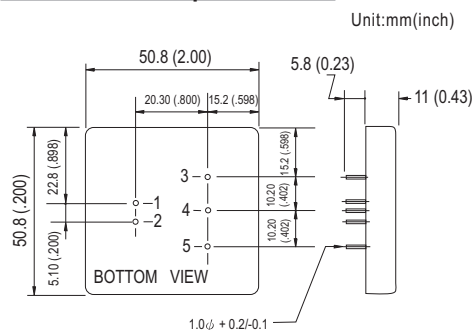
- Features :
  - 2:1 wide input range
  - 4:1 wide input range(option)
  - 1000VDC I/O isolation
  - 3000VDC I/O isolation(option)
  - Built-in EMI filter
  - Protections: Short circuit / Overload
  - Cooling by free air convection
  - Six-sided shield metal case
  - 100% burn-in test
  - Low cost / 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			
<b>OUTPUT</b>	<b>DC VOLTAGE</b>			5V			12V			15V			24V		
	<b>CURRENT RANGE</b>			300 ~ 3000mA			125 ~ 1250mA			100 ~ 1000mA			62.5 ~ 625mA		
	<b>RATED POWER</b>			15W											
	<b>RIPPLE &amp; NOISE (max.)</b> Note.2			50mVp-p			60mVp-p			60mVp-p			80mVp-p		
	<b>LINE REGULATION</b> Note.3			±0.3%											
	<b>LOAD REGULATION</b> Note.4			±0.5%											
	<b>VOLTAGE ACCURACY</b>			±2.0%											
	<b>SWITCHING FREQUENCY</b>			150KHz min.											
<b>INPUT</b>	<b>VOLTAGE RANGE</b>														
	A: 9 ~ 18VDC B: 18 ~ 36VDC C: 36 ~ 72VDC														
	<b>EFFICIENCY (Typ.)</b>														
	79%    79%    80%    80%    82%    82%    80%    83%    83%    82%    83%    84%														
	<b>DC CURRENT</b>														
Full load    A: 1700mA    B: 800mA    C: 400mA															
No load    A: 40mA    B: 20mA    C: 10mA															
<b>FILTER</b>															
Pi network															
<b>PROTECTION</b>															
Fuse recommended															
<b>PROTECTION (Note. 5)</b>	<b>OVER CURRENT</b>														
	160% ~ 250% rated output power														
	Protection type : Hiccup mode, recovers automatically after fault condition is removed														
<b>SHORT CIRCUIT</b>															
All output equipped with short circuit															
Protection type : Hiccup mode, recovers automatically after fault condition is removed															
<b>ENVIRONMENT</b>	<b>WORKING TEMP.</b>														
	-25 ~ +71°C (Refer to output load derating curve)														
	<b>WORKING HUMIDITY</b>														
	20% ~ 90% RH non-condensing														
	<b>STORAGE TEMP., HUMIDITY</b>														
-25 ~ +105°C, 10 ~ 95% RH															
<b>TEMP. COEFFICIENT</b>															
±0.03% / °C (0 ~ 50°C)															
<b>VIBRATION</b>															
10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes															
<b>SAFETY &amp; EMC</b>	<b>WITHSTAND VOLTAGE</b>														
	I/P-O/P:1KVDC														
	<b>ISOLATION RESISTANCE</b>														
	I/P-O/P: 100M Ohms / 500VDC / 25°C / 70% RH														
<b>EMC EMISSION</b>															
Compliance to EN55022 Class B, FCC part 15 Class B															
<b>EMC IMMUNITY</b>															
Compliance to EN61000-4-2,3,4,5,6,8, light industry level, criteria A															
<b>OTHERS</b>	<b>MTBF</b>														
	300Khrs min. MIL-HDBK-217F(25°C)														
	<b>DIMENSION</b>														
50.8*50.8*11.0 mm or 2**2**0.43" inch (L*W*H)															
<b>WEIGHT</b>															
65g															

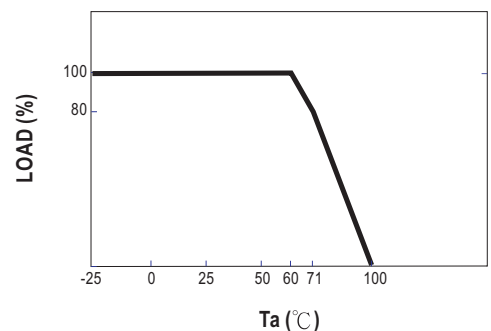
### ■ Mechanical Specification



### ■ 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.

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Authorized Distributor

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## Mean Well:

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