



- 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 / EAC / CE / UKCA
- 2 years warranty

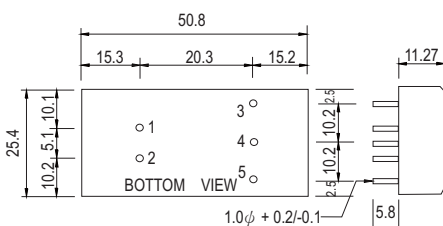


SPECIFICATION

ORDER NO.	DKA15A-05	DKA15B-05	DKA15C-05	DKA15A-12	DKA15B-12	DKA15C-12	DKA15A-15	DKA15B-15	DKA15C-15											
OUTPUT	DC VOLTAGE			±5V			±12V			±15V										
	CURRENT RANGE			±150 ~ ±1500mA			±62.5 ~ ±625mA			±50 ~ ±500mA										
	RATED POWER										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	EXTERNAL CAPACITANCE LOAD (max.)										1200uF	1200uF	330uF	820uF	820uF	220uF	680uF	680uF	100uF	
	VOLTAGE RANGE										A: 9 ~ 18VDC		B: 18 ~ 36VDC		C: 36 ~ 72VDC					
	EFFICIENCY (Typ.)										80%	80%	82%	83%	80%	82%	83%	80%	82%	
	DC CURRENT										Full load		A: 1600mA		B: 800mA		C: 400mA			
	No load										A: 30mA		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 "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	SAFETY STANDARDS										EAC TP TC 020/2011 approved									
	WITHSTAND VOLTAGE										I/P-O/P:1KVDC									
	ISOLATION RESISTANCE										I/P-O/P: 100M Ohms / 500VDC / 25°C / 70% RH									
	EMC EMISSION										Compliance to BS EN/EN55032 Class A, FCC part 15 Class A, EAC TP TC 020									
	EMC IMMUNITY										Compliance to BS EN/EN61000-4-2,3,4,5,6,8, light industry level, criteria A, EAC TP TC 020									
OTHERS	MTBF										300Khrs min. MIL-HDBK-217F (25°C)									
	DIMENSION										50.8*25.4*11.27mm or 2**1**0.44" inch (L*W*H)									
	WEIGHT										32g									

Mechanical Specification

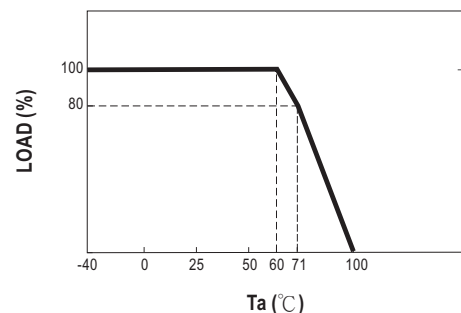
Unit: mm (inch)



Pin Configuration

Pin No.	Output
1	+Vin
2	-Vin
3	+Vout
4	COM
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.
- ※ Product Liability Disclaimer : For detailed information, please refer to <https://www.meanwell.com/serviceDisclaimer.aspx>

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