



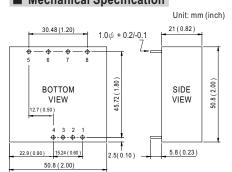
■ Features :

- 2:1 wide input range
- 4:1 wide input range(option)
- 1000VDC I/O isolation
- Built-in EMI filter
- Trimming output(±10%)
- · Remote ON-OFF control
- · Protections: Short circuit / Overload
- · Cooling by free air convection
- Six-sided shield metal case
- Epoxy encapsulated
- 100% burn-in test
- Approvals: FCC / EAC / CE / UKCA
- 2 years warranty



SPECIFIC	ATION	 2 years warranty 							FE INL CE CA		
ORDER NO.		DKA30A-05	DKA30B-05	DKA30C-05	DKA30A-12	DKA30B-12	DKA30C-12	DKA30A-15	DKA30B-15	DKA300	C-15
ОИТРИТ	DC VOLTAGE	±5V			±12V			±15V			
	CURRENT RANGE	±250 ~ ±2500mA			±125 ~ ±1250mA			±100 ~ ±1000mA			
	RATED POWER	25W			30W			30W			
	RIPPLE & NOISE (max.) Note.2	100mVp-p									
	LINE REGULATION Note.3	±0.5%									
	LOAD REGULATION Note.4	±0.5%									
	VOLTAGE ACCURACY	±2.0%									
	SWITCHING FREQUENCY	100KHz min.									
	EXTERNAL TRIM Adj. RANGE	±10%									
INPUT	VOLTAGE RANGE	A: 9 ~ 18VDC B: 18 ~ 36VDC C: 36 ~ 72VDC									
	EFFICIENCY (Typ.)	80%	80%	80%	80%	83%	81%	80%	83%	81%	
	DC CURRENT	Full load A:	3.2A B: 1.5	A C: 0.77A							
	DO CONNENT	No load A: 40mA B: 20mA C: 10mA									
	FILTER	Pi network									
	PROTECTION	Fuse recommended									
PROTECTION (Note. 5)	OVERLOAD	110 ~ 250% rated output power									
	O VERCEO/ID	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 ~ +85°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./1 cycle, period for 60min. each along X, Y, Z axes									
SAFETY & EMC	SAFETY STANDARDS	EAC TP TC 004 approved									
	WITHSTAND VOLTAGE	I/P-O/P:1KVDC									
	ISOLATION RESISTANCE	I/P-O/P: 100M Ohms / 500VDC / 25℃/ 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	REMOTE CONTROL	Power on: R.C ~-Vin > 4.5~5.5VDC or open, Power off: R.C~ -Vin <0.8VDC or short									
	MTBF	100Khrs min. MIL-HDBK-217F (25°C)									
	DIMENSION		.0mm or 2"*2"*	0.82" inch (L*	W*H)						
	WEIGHT	110g									

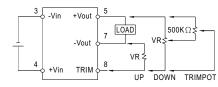
■ Mechanical Specification



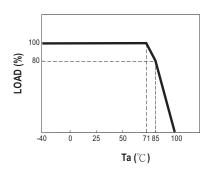
■ Pin Configuration

Output	Pin No.	Output		
R.C	5	+Vout		
No Pin	6	COM		
-Vin	7	-Vout		
4 +Vin		TRIM		
	R.C No Pin -Vin	R.C 5 No Pin 6 -Vin 7		

■ External Output Trimming



■ 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