



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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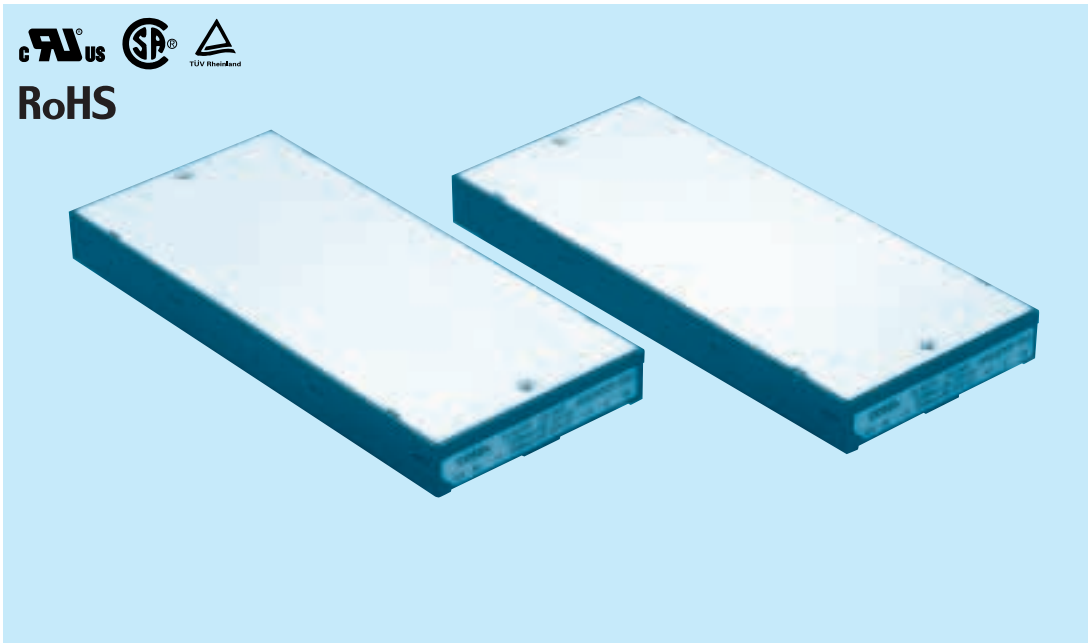
# DPA500F

DP A 500 F -360

① ② ③ ④ ⑤



- ① Series name
- ② Single output
- ③ Output wattage
- ④ Universal input
- ⑤ Output voltage



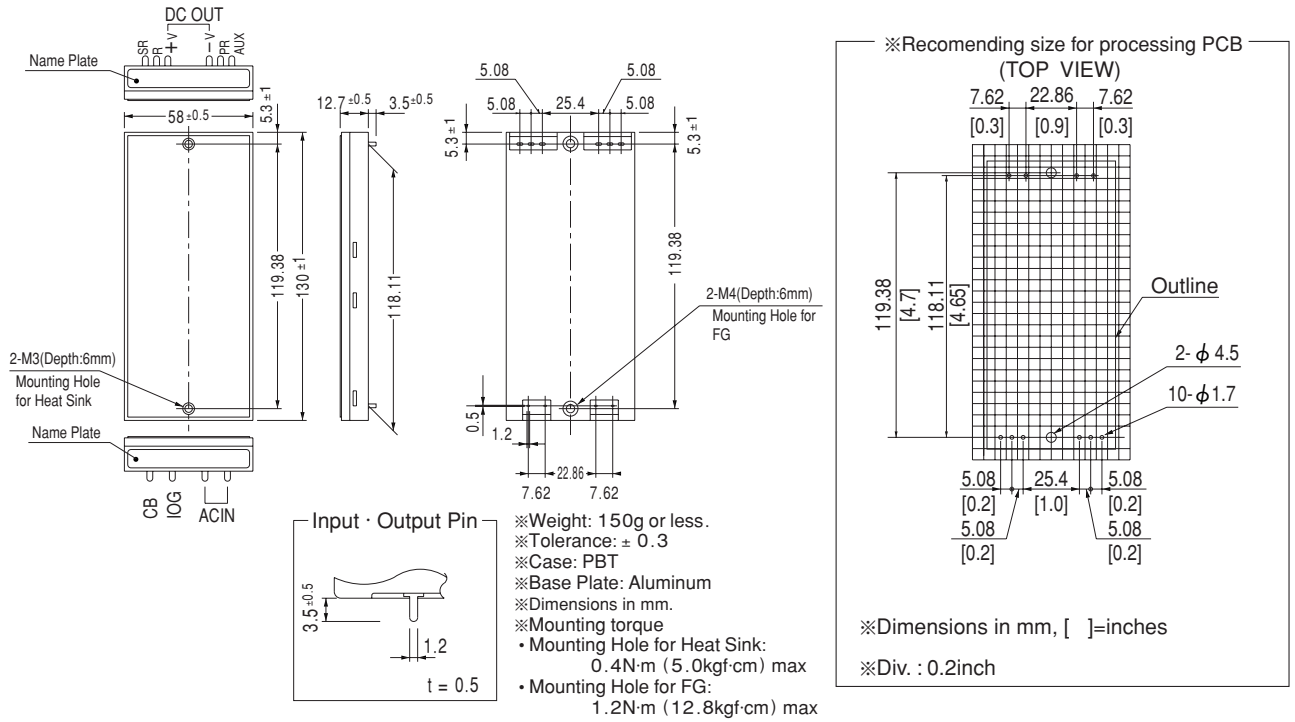
MODEL	DPA500F-360	
AC INPUT[V]	AC85 - 264	AC170 - 264
MAX OUTPUT WATTAGE[W]	500	750
DC OUTPUT VOLTAGE[V]	DC300 - 360	

## DPA SPECIFICATIONS

	MODEL	DPA500F-360
INPUT	VOLTAGE[V]	AC100/120 AC200/240
	VOLTAGE RANGE[V]	AC85 - 170 AC170 - 264
	POWER FACTOR CORRECTION RANGE[V]	AC85 - 255
	CURRENT[A]	5.6typ (ACIN 100V) 4.0typ (ACIN 200V)
	FREQUENCY[Hz]	47 - 63
	APPARENT POWER[VA]	560typ (ACIN 100V) 800typ (ACIN 200V)
	INRUSH CURRENT[A]	15typ (ACIN 100V) 30typ (ACIN 200V)
	EFFICIENCY[%]	90typ (ACIN 100V) 95typ (ACIN 200V)
	POWER FACTOR	0.98typ (Complies with IEC61000-3-2)
OUTPUT	LEAKAGE CURRENT[mA]	Less than 0.3
	WATTAGE[W]	500 750
PROTECTION CIRCUIT AND OTHERS	VOLTAGE[V]	DC300 - 360 (Automatically changes according to input voltage)
	OVERVOLTAGE PROTECTION[V]	DC390 - 440
	IOG	Inverter operation monitoring, Open-collector output, Maximum sink current 5mA, Maximum allowance voltage 35V
	PR	Power-ready signal, Open-collector output, Maximum sink current 5mA, Maximum allowance voltage 35V
	AUX	Auxiliary power supply for external signal, Output voltage:10 - 20V maximum, Output current:10mA
ISOLATION	OTHERS	Inrush current protection, Parallel operation possible (Current balancing function), Thermal protection
	INPUT-OUTPUT	Non isolated
	INPUT-FG	AC3,000V 1minute, Cutoff current = 10mA, DC500V 50MΩ min (At Room Temperature)
ENVIRONMENT	OUTPUT-FG	AC3,000V 1minute, Cutoff current = 10mA, DC500V 50MΩ min (At Room Temperature)
	OPERATING TEMP., HUMID. AND ALTITUDE *1	-20 to +85°C (Aluminum base plate), 20 - 95%RH (Non condensing) (Refer to DERATING CURVE), 3,000m (10,000feet) max
	STORAGE TEMP., HUMID. AND ALTITUDE	-40 to +85°C, 20 - 95%RH (Non condensing), 9,000m (30,000feet) max
	VIBRATION	10 - 55Hz, 49.0m/s <sup>2</sup> (5G), 3minutes period, 60minutes each along X, Y and Z axis
SAFETY	IMPACT	196.1m/s <sup>2</sup> (20G), 11ms, once each X, Y and Z axis
	AGENCY APPROVALS	UL60950-1, CSA C22.2 No.60950-1, EN60950-1, EN50178 Complies with DEN-AN and IEC60950-1
OTHERS	CASE SIZE/WEIGHT	58 × 12.7 × 130mm (W × H × D) / 150g max
	COOLING METHOD	Conduction cooling (e.g. heat radiation from the aluminum base plate to the attached heat sink)

\*1 Please consult us in regard to use from -40°C.

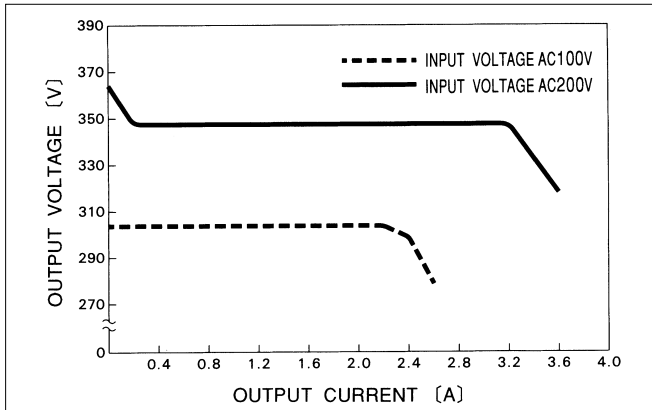
External view



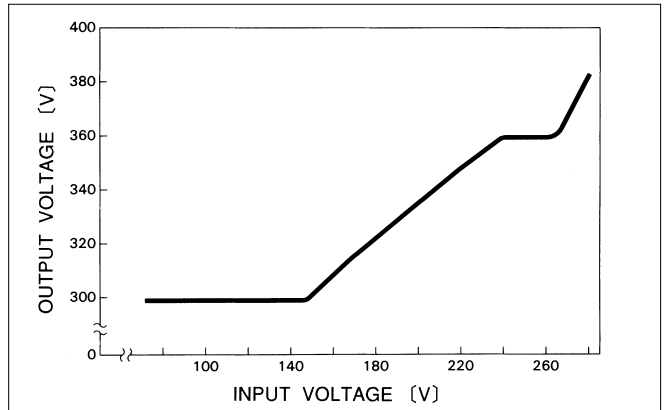
Performance data

DPA

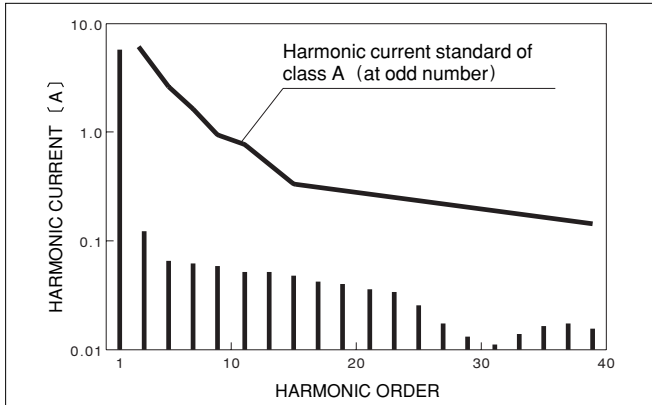
■ STATIC CHARACTERISTICS



■ OUTPUT VOLTAGE FOR INPUT



■ HARMONIC CURRENT (AC100V)



■ HARMONIC CURRENT (AC200V)

