

15-25W

AC/DC

CBA Series

Features

Wide range of input voltage
 Broadband noise filter of input
 Comply with UL1950, IEC950 safety regulation
 Attractive outline design
 Pin function compatible
 Fast dynamic response



Input Characteristic

Voltage Range 220 VAC (176-264 VAC)
 Reverse Protection Connect Fuse Outside

Output Characteristic

Voltage Set-point Accuracy $\pm 1\%$
 Line Regulation $\pm 0.2\%$
 Load Regulation $\pm 0.4\%$
 Temperature Coefficient $\pm 0.01\%/^{\circ}\text{C}$
 Output Current Limiting 120%(Typ)
 Dynamic Response 400 μs
 Output Current 0.8-3A
 Output Voltage 1.8-48V
 Power 15-25W

General Characteristic

Switching Frequency 160-200 KHz
 Isolation Resistance 200 M Ω
 MTBF >500000 h
 Isolation Voltage
 Input-Output >1500 VAC/1min(Leak <5mA)
 Input-Case >1500 VAC/1min(Leak <5mA)
 Output-Case >500 VDC/1min

Environmental Characteristics

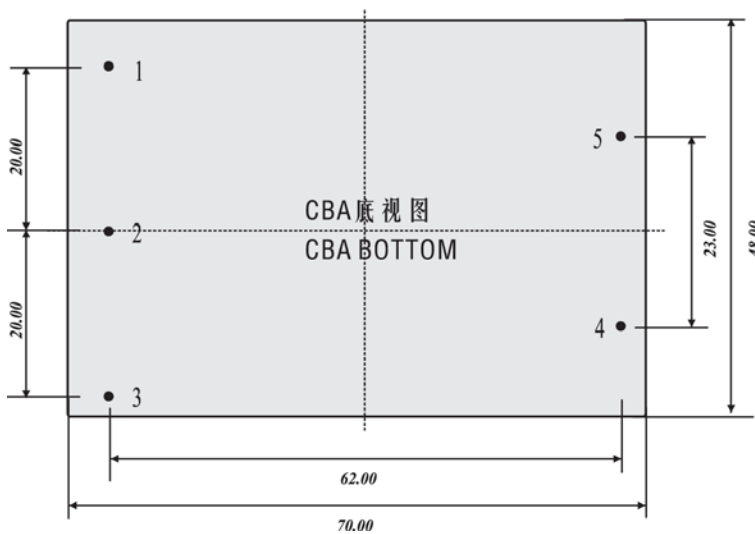
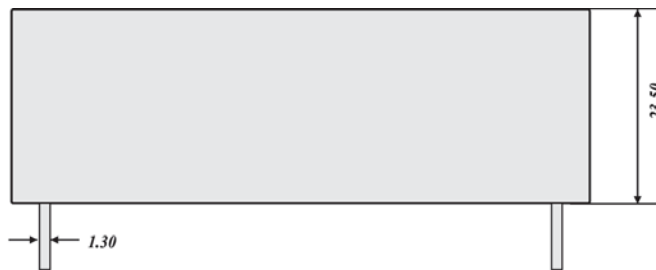
Case Temperature (Industry) 25 - +85 $^{\circ}\text{C}$
 Storage Temperature (Industry) -45 - +105 $^{\circ}\text{C}$

Models

Input voltage (VAC)	Input Range	Output voltage (Vdc)	Output current (A)	Ripple and noise pk-pk(mv)	Efficiency Typical	Models
220	176-264	05	3	50	73%	CBA15W220S05
220	176-264	12	1.25	120	75%	CBA15W220S12
220	176-264	24	0.83	200	75%	CBA20W220S24
220	176-264	05	4	50	73%	CBA20W220S05
220	176-264	12	2.08	120	76%	CBA25W220S12
220	176-264	24	1.04	200	76%	CBA25W220S24

Only typical models listed. If you need other model, contact us for costum models

Mechanical drawing and pin definition



单位 (Unit) :mm

引脚 PIN	单路 SING
1	AC
2	AC
3	Gr.
4	-V _o
5	+V _o