

Low Voltage - P.C. Board Mount (162/164 Series)

Power



LOW VOLTAGE - P.C. BOARD MOUNT LOW PROFILE

- 20 output voltages to choose from (5 - 120VAC R.M.S.)
- Six VA size models available from - 1.1 to 36VA
- Both series operate on 50/60 Hz current
- Low profile, split bobbin design.
- Dual winding secondaries, non-concentrically wound
- Units are designed so that all windings must be used
- Low primary to secondary coupling - no electrostatic shield required.
- Choice of economical single primary 115V (164 series) or universal dual primary 115/230V (162 series) - either model 50/60 Hz operation.
- High insulation - Hipot of 2,500V RMS.
- Class B insulation - 130 degrees C.
- No mounting hardware required on 1.1 and 2.4 VA sizes, two hole mounting on 6, 12 and 20VA sizes, four hole mounting on 36VA size (mounting screws not provided). P.C. board mount with industry standard pin spacing.
- C UL US recognized



| Part No. Single Pri. 115V | Part No. Dual Pri. 115/230V | Size VA | Secondary (RMS) | |
|---------------------------------|-----------------------------------|------------|--------------------|-------------|
| | | | Series | Parallel |
| 164D10 | 162D10 | 1.1 | 10V C.T. @ .11A | 5V @ .22A |
| 164E10 | 162E10 | 2.4 | 10V C.T. @ .25A | 5V @ .5A |
| 164F10 | 162F10 | 6 | 10V C.T. @ .6A | 5V @ 1.2A |
| 164G10 | 162G10 | 12 | 10V C.T. @ 1.2A | 5V @ 2.4A |
| 164H10 | 162H10 | 20 | 10V C.T. @ 2A | 5V @ 4A |
| 164J10 | 162J10 | 36 | 10V C.T. @ 3.6A | 5V @ 7.2A |
| 164D12 | 162D12 | 1.1 | 12.6V C.T. @ .09A | 6.3V @ .18A |
| 164E12 | 162E12 | 2.4 | 12.6V C.T. @ .2A | 6.3V @ .4A |
| 164F12 | 162F12 | 6 | 12.6V C.T. @ .5A | 6.3V @ 1A |
| 164G12 | 162G12 | 12 | 12.6V C.T. @ 1A | 6.3V @ 2A |
| 164H12 | 162H12 | 20 | 12.6V C.T. @ 1.6A | 6.3V @ 3.2A |
| 164J12 | 162J12 | 36 | 12.6V C.T. @ 2.85A | 6.3V @ 5.7A |
| 164D16 | 162D16 | 1.1 | 16V C.T. @ .07A | 8V @ .14A |
| 164E16 | 162E16 | 2.4 | 16V C.T. @ .15A | 8V @ .3A |
| 164F16 | 162F16 | 6 | 16V C.T. @ .4A | 8V @ .8A |
| 164G16 | 162G16 | 12 | 16V C.T. @ .8A | 8V @ 1.6A |
| 164H16 | 162H16 | 20 | 16V C.T. @ 1.25A | 8V @ 2.5A |
| 164J16 | 162J16 | 36 | 16V C.T. @ 2.25A | 8V @ 4.5A |
| 164D20 | 162D20 | 1.1 | 20V C.T. @ .055A | 10V @ .11A |
| 164E20 | 162E20 | 2.4 | 20V C.T. @ .12A | 10V @ .24A |
| 164F20 | 162F20 | 6 | 20V C.T. @ .3A | 10V @ .6A |
| 164G20 | 162G20 | 12 | 20V C.T. @ .6A | 10V @ 1.2A |
| 164H20 | 162H20 | 20 | 20V C.T. @ 1A | 10V @ 2A |
| 164J20 | 162J20 | 36 | 20V C.T. @ 1.8A | 10V @ 3.6A |
| 164D24 | 162D24 | 1.1 | 24V C.T. @ .045A | 12V @ .09A |
| 164E24 | 162E24 | 2.4 | 24V C.T. @ .1A | 12V @ .2A |
| 164F24 | 162F24 | 6 | 24V C.T. @ .25A | 12V @ .5A |
| 164G24 | 162G24 | 12 | 24V C.T. @ .5A | 12V @ 1A |
| 164H24 | 162H24 | 20 | 24V C.T. @ .8A | 12V @ 1.6A |
| 164J24 | 162J24 | 36 | 24V C.T. @ 1.5A | 12V @ 3A |
| 164D28 | 162D28 | 1.1 | 28V C.T. @ .04A | 14V @ .08A |
| 164E28 | 162E28 | 2.4 | 28V C.T. @ .085A | 14V @ .17A |
| 164F28 | 162F28 | 6 | 28V C.T. @ .2A | 14V @ .4A |
| 164G28 | 162G28 | 12 | 28V C.T. @ .42A | 14V @ .84A |
| 164H28 | 162H28 | 20 | 28V C.T. @ .7A | 14V @ 1.4A |
| 164J28 | 162J28 | 36 | 28V C.T. @ 1.3A | 14V @ 2.6A |
| 164D36 | 162D36 | 1.1 | 36V C.T. @ .03A | 18V @ .06A |
| 164E36 | 162E36 | 2.4 | 36V C.T. @ .065A | 18V @ .13A |
| 164F36 | 162F36 | 6 | 36V C.T. @ .17A | 18V @ .34A |
| 164G36 | 162G36 | 12 | 36V C.T. @ .35A | 18V @ .7A |
| 164H36 | 162H36 | 20 | 36V C.T. @ .55A | 18V @ 1.1A |
| 164J36 | 162J36 | 36 | 36V C.T. @ 1A | 18V @ 2A |
| 164D48 | 162D48 | 1.1 | 48V C.T. @ .023A | 24V @ .046A |
| 164E48 | 162E48 | 2.4 | 48V C.T. @ .05A | 24V @ .1A |
| 164F48 | 162F48 | 6 | 48V C.T. @ .125A | 24V @ .25A |
| 164G48 | 162G48 | 12 | 48V C.T. @ .25A | 24V @ .5A |
| 164H48 | 162H48 | 20 | 48V C.T. @ .4A | 24V @ .8A |
| 164J48 | 162J48 | 36 | 48V C.T. @ .75A | 24V @ 1.5A |
| 164D56 | 162D56 | 1.1 | 56V C.T. @ .02A | 28V @ .04A |
| 164E56 | 162E56 | 2.4 | 56V C.T. @ .045A | 28V @ .09A |
| 164F56 | 162F56 | 6 | 56V C.T. @ .11A | 28V @ .22A |
| 164G56 | 162G56 | 12 | 56V C.T. @ .22A | 28V @ .44A |
| 164H56 | 162H56 | 20 | 56V C.T. @ .35A | 28V @ .7A |
| 164J56 | 162J56 | 36 | 56V C.T. @ .65A | 28V @ 1.3A |
| 164D120 | 162D120 | 1.1 | 120V C.T. @ .01A | 60V @ .02A |
| 164E120 | 162E120 | 2.4 | 120V C.T. @ .02A | 60V @ .04A |
| 164F120 | 162F120 | 6 | 120V C.T. @ .05A | 60V @ .1A |
| 164G120 | 162G120 | 12 | 120V C.T. @ .1A | 60V @ .2A |
| 164H120 | 162H120 | 20 | 120V C.T. @ .16A | 60V @ .32A |
| 164J120 | 162J120 | 36 | 120V C.T. @ .3A | 60V @ .6A |



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Power

Single Primary - 164 Series



Dual Primary - 162 Series



Single Primary - 164 Series Schematic



Dual Primary - 162 Series Schematic



164 & 162 Series - Common Mounting Hole Drawing (6, 12, 20 & 36 VA units)



164 & 162 Series Common Dimension Table

| VA Size | Part Number Letter | Dimensions (Inches) | | | | | | | | | Mtg. Screw | Lbs. |
|---------|--------------------|---------------------|--------|--------|-----|-----|------|--------|-------|--------|------------|------|
| | | L | W | H | A | B | C | M | N | P | | |
| 1.1 | "D" | 1 3/8 | 1 1/8 | 1 5/16 | .25 | .25 | 1.20 | -- | -- | -- | -- | 0.17 |
| 2.4 | "E" | 1 3/8 | 1 1/8 | 1 3/16 | .25 | .25 | 1.20 | -- | -- | -- | -- | 0.25 |
| 6 | "F" | 1 5/8 | 1 5/16 | 1 5/16 | .25 | .35 | 1.28 | 1 1/16 | -- | -- | #4 | 0.44 |
| 12 | "G" | 1 7/8 | 1 9/16 | 1 1/2 | .30 | .40 | 1.41 | 1 1/14 | -- | -- | #4 | 0.70 |
| 20 | "H" | 2 1/4 | 1 7/8 | 1 7/16 | .30 | .40 | 1.60 | 1 1/2 | -- | -- | #4 | 0.80 |
| 36 | "J" | 2 5/8 | 2 3/16 | 1 9/16 | .40 | .40 | 1.85 | -- | 1 3/4 | 2 3/16 | #6 | 1.10 |

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Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

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- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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