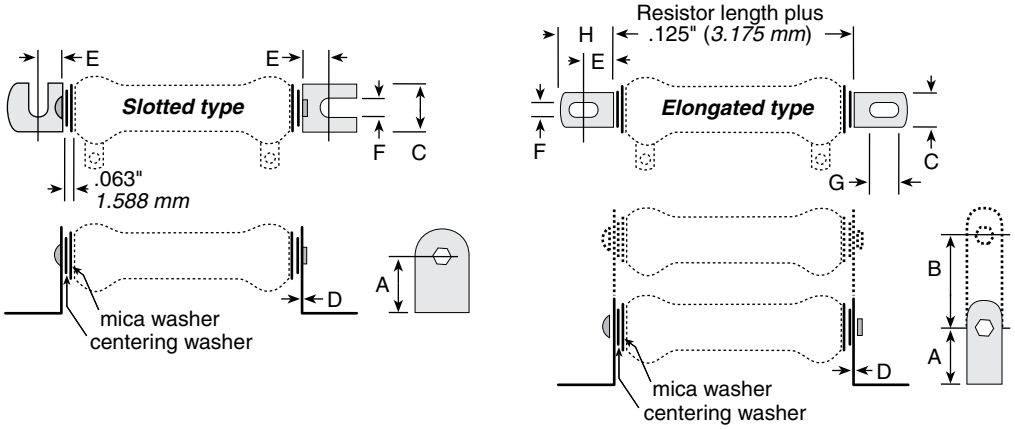
# Mounting Hardware

## For 200, 210, 270 and 280 Series

## THRU-BOLTS AND MOUNTING BRACKETS

Sturdy plated steel brackets, along with thru-bolts, centering washers and insulating washers (included), allow for secure mounting of 210 type and 270 type resistors. Mounting brackets are available in either slotted (one with end-slot/one with side-slot) or elongated styles.

| Type Slotted | Dimensions A | B | C | D | E | F | G | H | Std. Core Length | Bolt Length |
|---|---|---|---|---|---|---|---|---|---|---|
| 6101—E | 0.781" | — | 0.75" | 0.031" | 0.438" | 0.25" | — | — | 1 3/4" | 2 1/4" |
| 6104—E | 0.781" | — | 0.75" | 0.031" | 0.438" | 0.25" | — | — | 2" | 2 1/2" |
| 6110—E | 1" | — | 1.125" | 0.063" | 0.813" | 0.313" | — | — | 2 1/4" | 2 3/4" |
| **Elongated** | | | | | | | | | | |
| 6120—E | 1" | — | 0.5" | 0.031" | 0.422" | 0.219" | .438 | .750 | 4" | 4 3/4" |
| 6126—E | 1.5" | — | 1.25" | 0.063" | 0.438" | 0.281" | .563 | .875 | 6" | 6 5/8" |
| 6127—E | 1.5" | 2" | 1.25" | 0.063" | 0.438" | 0.281" | .563 | .875 | 6 1/2" | 7" |
| 6128—E | 1.5" | 2" | 1.25" | 0.063" | 0.438" | 0.281" | .563 | .875 | 8 1/2" | 9 1/8" |
| 6129—E | 1.5" | 2" | 1.25" | 0.063" | 0.438" | 0.281" | .563 | .875 | 10 1/2 | 11 1/8 |




## ORDERING INFORMATION

**Slotted** — Euro lug — RoHS Compliant

**6104 - EM - 6 1/2 - E**

| No. of Resistors | Bracket | Core Code | Std. Core Length in. | mm |
|---|---|---|---|---|
| 1 | 6101 | | 2 | |
| 2 | 6102 | K | 4 | |
| 3 | 6103 | | 6 | |
| 1 | 6104 | | 2 | 119 |
| 2 | 6105 | M | 4 | 119 |
| 3 | 6106 | | 6 1/2 | 119 |
| 1 | 6110A | | 4 | 170 |
| 2 | 6111A | N | 6 | 170 |
| 3 | 6112A | | | 170 |
| 1 | 6110 | | 8 1/2 | 252 |
| 2 | 6111 | P | 10 1/2 | 252 |
| 3 | 6112 | | | 252 |
| 1 | 6113B | | 8 1/2 | 375 |
| | | R | 10 1/2 | |
| | | | 11 3/4 | |
| 1 | 6114 | | 12 | |
| | | S | 15 | |
| | | | 20 | |

Euro lug

**Elongated** — RoHS Compliant

**6121 - D - 1 3/4 - E**

| No. of Resistors | Bracket | Core Code | Standard Core Length (in) |
|---|---|---|---|
| 1 | 6120 | | 1 |
| 2 | 6121 | D | 1 3/4 |
| | | H | 2 |
| | | K | 2 1/4 |
| | | | 4 |
| 1 | 6122 | | 2 |
| 2 | 6123 | M | 4 |
| 3 | 6124 | N | 6 1/2 |
| 4 | 6125 | | |
| 1 | 6126 | | 8 1/2 |
| 2 | 6127 | P | 10 1/2 |
| 3 | 6128 | | |
| 4 | 6129 | | |

**More detailed information at http://www.ohmite.com/techdata/lug-mounting.php**

✙ = Most popular Standard values
✔ = Standard values
✜ = Non-Standard values subject to minimum handling charge per item

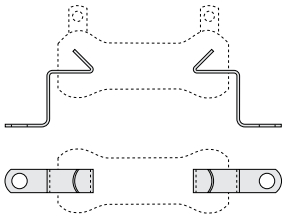
(continued)

# Mounting Hardware

## For 200, 210, 270 and 280 Series

### MOUNTING BRACKETS

Brackets fit inside cores of 200, 210 and 270 type resistors and remain in place by spring tension. Standard brackets are plated steel and have no suffix to part number. Spring steel brackets are indicated with an "S" suffix following part number.



| Part number Standard | Spring steel | Mtg screw size (max.) | For resistors (power ratings) |
|---|---|---|---|
| ✙ 5E | ✜ 5SE | 6 | 8, 12 watt |
| ✔ 7E | ✜ 7SE | 6 | 20 watt |
| ✙ 9E | ✜ 9SE | 6 | 25, 50, 75 watt |
| ✙ 12E | ✙ 12SE | 10 | 100 watt |
| ✙ 18E | ✙ 18SE | 10 | 175, 225 watt |

### WASHERS

**Metal Centering**

| Part No. | Diameter Outer | Inner | For max. screw size | For resistors (power ratings) |
|---|---|---|---|---|
| ✙ 6000E | 0.563" | 0.313 | #10 | 25, 50, 75 watt |
| ✙ 6001E | 0.75" | 0.5 | #10 | 100 watt |
| ✙ 6003E | 1.125" | 0.75 | 0.25" | 175, 225 watt |

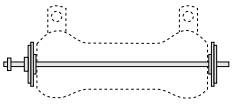
**Mica insulating**

| Part No. | Diameter Outer | Inner | For resistors (power ratings) |
|---|---|---|---|
| ✙ 6010E | 0.75" | 0.625" | 25, 50, 75 watt |
| ✙ 6011E* | 0.75" | 0.313" | 25, 50, 75 watt |
| ✜ 6012E | 1" | 0.625" | 100 watt |
| ✔ 6013E* | 1" | 0.5" | 100 watt |
| ✜ 6014E | 1.25" | 0.625" | core 1" O.D. x 0.625" I.D. |
| ✙ 6015E* | 1.25" | 0.625" | core 1" O.D. x 0.625" I.D. |
| ✔ 6016E | 1.5" | 0.625" | 175, 225 watt |
| ✙ 6017E* | 1.5" | 0.75" | 175, 225 watt |

* Use with centering washers.

### THRU BOLTS

Thru-Bolts, with centering washers and mica insulating washers, permit perpendicular mounting of 200, 210 and 270 type resistors to panels up to 0.25" thick.



| Part No. | Bolt size Length | No. | For resistors (power rating) |
|---|---|---|---|
| ✜ 7PA5E | 1.75" | 8 | 8 watt |
| ✙ 7PA10E | 2.5" | 8 | 12 watt |
| ✜ 7PA20E | 2.75" | 8 | 20 watt |
| ✙ 7PA25E | 2.75" | 10 | 25 watt |
| ✙ 7PA50E | 4.75" | 10 | 50 watt |
| ✜ 7PA75E | 6.75" | 10 | 75 watt |
| ✙ 7PA100E | 7.313" | 10 | 100 watt |
| ✙ 7PA160E | 9.5" | 0.25" | 175 watt |
| ✙ 7PA200E | 11.5" | 0.25" | 225 watt |

### ADJUSTABLE LUGS

**FOR 210 SERIES**

One standard screwdriver type adjustable lug is supplied with each unit.

Two types of lugs can be ordered separately: standard or with a silver contact button; both types are available with a screwdriver type lug.

| Resistor core diam. (O.D., in. / *mm*) | Standard part numbers Standard | Silver |
|---|---|---|
| 0.313 / *7.94* | ✜ 2115E | ✜ 2116E |
| 0.563 / *14.3* | ✙ 2121E | ✔ 2123E |
| 0.750 / *19.05* | ✙ 2125E | ✜ 2127E |
| 1.125 / *28.58* | ✔ 2133E | ✜ 2135E |

**Double thumb screw Lug (Part Number 2160E)**

The double thumb screw adjustable lug permits easier adjustment and less chance of damage to resistance wire. Available for 1.125" cores only.

**More detailed information at http://www.ohmite.com/techdata/lug-mounting.php**

✙ = Most popular Standard values
✔ = Standard values
✜ = Non-Standard values subject to minimum handling charge per item

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ООО «НИОКР СИТЕМС»
Москва, 125362, Россия, ул. Вишневая, д. 9, к. 1, Блок 104 а и 104 в

Телефон: 8 (495) 268-14-82
Email: n@nsistems.ru

ИНН: 7735154786
ОГРН: 1167746717709