

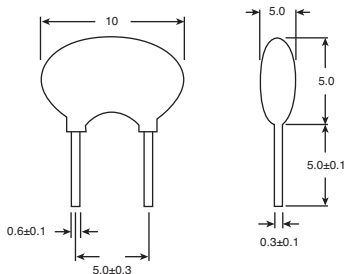
Snap-In, PC Mount and Thumbwheel Potentiometers & Resonators



HWZT SERIES WASHABLE CERAMIC RESONATOR, LEADED

Features:

- Frequency Tolerance: $\pm 0.5\%$
- Operating Temperature: -40°C to $+85^{\circ}\text{C}$
- Low resonant impedance
- Excellent environmental resistance
- Reflow capable
- High stability washable type
- Industrial grade



RoHS Compliant

DIMENSIONS: mm

For quantities of 2000 and up, call for quote.

| MOUSER STOCK NO. | Abracon Part No. | Freq. (MHz) | Price Each | | | | |
|------------------|------------------|-------------|------------|-----|-----|------|------|
| | | | 1 | 10 | 100 | 500 | 1000 |
| 815-HWZT-2.00MD | HWZT-2.00MD | 2.0000 | .28 | .24 | .16 | .132 | .112 |
| 815-HWZT-3.58MD | HWZT-3.58MD | 3.5800 | .28 | .24 | .16 | .132 | .112 |
| 815-HWZT-4.00MD | HWZT-4.00MD | 4.0000 | .33 | .27 | .21 | .18 | .112 |
| 815-HWZT-6.00MD | HWZT-6.00MD | 6.0000 | .28 | .24 | .16 | .132 | .112 |
| 815-HWZT-8.00MD | HWZT-8.00MD | 8.0000 | .28 | .24 | .16 | .132 | .112 |
| 815-HWZT-10.00MD | HWZT-10.00MD | 10.0000 | .28 | .24 | .16 | .132 | .112 |
| 815-HWZT-12.00MD | HWZT-12.00MD | 12.0000 | .28 | .24 | .16 | .132 | .112 |
| 815-HWZT-16.00MD | HWZT-16.00MD | 16.0000 | .28 | .24 | .16 | .132 | .112 |
| 815-HWZT-20.00MD | HWZT-20.00MD | 20.0000 | .33 | .27 | .21 | .18 | .112 |

Potentiometers

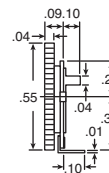
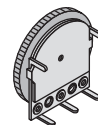


10MM SUBMINIATURE THUMBWHEEL PC MOUNT POTENTIOMETERS

Specifications:

- Power rating: .03W
- Rotation angle: $270^{\circ} \pm 5^{\circ}$
- Linear taper
- Complete with knob
- Rotation torque: 10-100gf-cm
- Rotation life: 10,000 cycles
- Resistance tolerance: $<1\text{M}: \pm 20\%, \geq 1\text{M}: \pm 30\%$

DIMENSIONS: in.



RoHS Compliant

For quantities of 1,000 and up, call for quote.

| MOUSER STOCK NO. | Value (Ω) | Price Each | | | |
|------------------|----------------------------------|------------|------|-----|-----|
| | | 1 | 10 | 100 | 500 |
| 312-1001F-Value | 1K, 5K, 10K, 50K, 100K, 500K, 1M | 1.33 | 1.06 | .93 | .90 |



12MM MINIATURE THUMBWHEEL POTENTIOMETERS WITH 25mm KNOB

Specifications:

- Resistance tolerance: $\pm 20\%$
- Switch contact rating: 12VDC-1A



RoHS Compliant

A



Solder Lugs

B



PC Mount

C



PC Mount w/Switch

For quantities of 1,000 and up, call for quote.

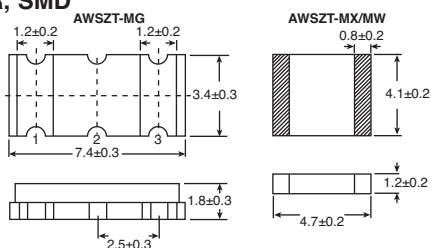
| MOUSER STOCK NO. | Fig. | Stock Values (Ω) Other Values Available on Request | Price Each | | | |
|---|------|--|------------|------|-----|-----|
| | | | 1 | 10 | 100 | 500 |
| Audio Taper Voltage, max.: 100V Wattage: .04W | | | | | | |
| 311-1201F-Value | A | 1K, 10K, 100K, 500K | 1.15 | .92 | .84 | .75 |
| 311-1202F-Value | B | 5K, 10K, 50K, 100K, 500K | 1.15 | .92 | .84 | .75 |
| 311-1204F-Value | C | 1K, 5K, 10K, 50K, 500K | 1.38 | 1.10 | .96 | .86 |
| Linear Taper Voltage, max.: 150V Wattage: .08W | | | | | | |
| 311-1205F-Value | A | 10K, 100K | 1.03 | .87 | .76 | .70 |
| 311-1206F-Value | B | 1K, 5K, 10K, 100K | 1.15 | .92 | .84 | .75 |



AWSZT SERIES WASHABLE CERAMIC RESONATOR, SMD

Features:

- Frequency tolerance: $\pm 0.5\%$
- Operating temperature: -40°C to $+85^{\circ}\text{C}$
- Industrial grade



RoHS Compliant

DIMENSIONS: mm

For quantities of 2000 and up, call for quote.

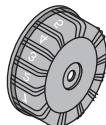
| MOUSER STOCK NO. | Abracon Part No. | Freq. (MHz) | Price Each | | | | |
|----------------------|------------------|-------------|------------|-----|------|------|------|
| | | | 1 | 25 | 100 | 500 | 1000 |
| 815-AWSZT-3.58MGDT | AWSZT-3.58MGD-T | 3.5800 | .42 | .36 | .29 | .25 | .22 |
| 815-AWSZT-4.00MGDT | AWSZT-4.00MGD-T | 4.0000 | .42 | .36 | .29 | .25 | .22 |
| 815-AWSZT-6.00MGDT | AWSZT-6.00MGD-T | 6.0000 | .41 | .36 | .247 | .209 | .154 |
| 815-AWSZT-8.00MWD-T | AWSZT-8.00MWD-T | 8.0000 | .42 | .36 | .29 | .25 | .22 |
| 815-AWSZT-12.00MWD-T | AWSZT-12.00MWD-T | 12.0000 | .42 | .36 | .29 | .25 | .22 |
| 815-AWSZT-16.00MXDT | AWSZT-16.00MXD-T | 16.0000 | .33 | .29 | .247 | .209 | .154 |
| 815-AWSZT-20.00MXDT | AWSZT-20.00MXD-T | 20.0000 | .42 | .36 | .29 | .25 | .22 |
| 815-AWSZT-24.00MXDT | AWSZT-24.00MXD-T | 24.0000 | .42 | .36 | .29 | .25 | .22 |



VERTICAL THUMBWHEEL KNOBS

For quantities of 10,000 and up, call for quote.

| MOUSER STOCK NO. | Mount Numbers | | Price Each | | |
|------------------|---------------|-----|------------|-----|-----|
| | 1 | 100 | 1000 | | |
| 450-0009 | Left | 0-9 | .39 | .25 | .22 |
| 450-0010 | Left | 9-0 | .39 | .25 | .22 |
| 450-0011 | Right | 0-9 | .39 | .25 | .22 |
| 450-0012 | Right | 9-0 | .39 | .25 | .22 |



16MM THUMBWHEEL POTENTIOMETERS

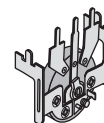
Specifications:

- Rotation Angle: $220^{\circ} \pm 5^{\circ}$
- Insulation Resistance: 100M @ 100VDC
- Tolerance: $\pm 20\%$
- Rotational Life: 10000 cycles

A



B



* Available in linear taper only.

Does not come with a knob. Please choose from the knobs listed below.

For quantities of 1,000 and up, call for quote.

| MOUSER STOCK NO. | Fig. | Taper | Switch | Stocked Values | Price Each | | | |
|------------------|------|--------|--------|---|------------|-----|-----|-----|
| | | | | | 1 | 10 | 100 | 500 |
| 311-1600-Value | A | Linear | N | 100*, 500, 1K, 5K, 10K, 50K, 100K, 500K, 1M | .97 | .82 | .74 | .67 |
| 311-1601-Value | A | Audio | N | | .97 | .82 | .74 | .67 |
| 311-1700-Value | B | Linear | Y | | 1.12 | .95 | .85 | .77 |
| 311-1701-Value | B | Audio | Y | | 1.12 | .95 | .85 | .77 |