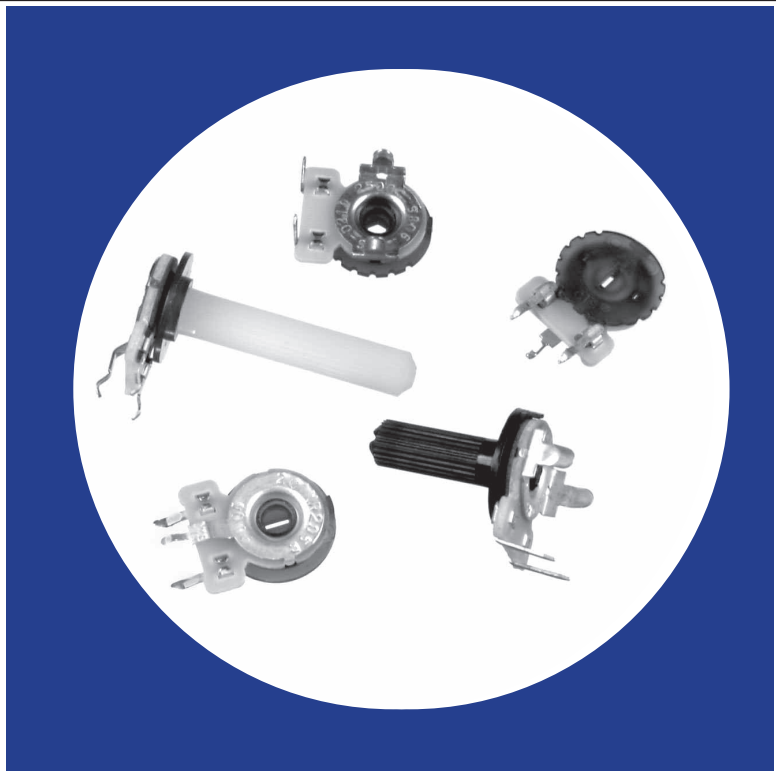


## Commercial Miniature 19/32" (15.08mm) Diameter Composition Trimmer Potentiometers

### Features

- Miniature size — knob 19/32" (15.08mm) diameter
- NEW parallel mount type H-201 features in-line terminals, .172" (4.37mm) centers
- Special hex hole adjustment available
- Printed circuit mounting with knob parallel or perpendicular to printed circuit board
- Wide resistance range
- Knob slotted for screwdriver adjustment
- Reliable CTS composition resistance element
- Low cost
- Press fit self-supporting mounting
- RoHS compliant



## Electrical and Mechanical Specifications

### Resistance Range

100Ω through 5 megohms (linear taper)  
Fixed resistors available

### Resistance Tolerance

Standard: ±20%  
Special: Available ±10%, ±30%

### Power Rating, Watts

5,000Ω and above  
1/4 watt @ 55°C derated to no load @ 100°C.  
Below 5,000Ω  
1/4 watt @ 40°C, .2 watt @ 55°C derated to no load @ 85°C.

### Voltage Rating

Across End Terminals:  
350 VDC resistance values under 2 megohms  
500 VDC resistance values 2 megohms and over  
Load not to exceed wattage ratings listed

### Resistance Tapers

Standard: Linear  
Special: Available on request

### Power Switches

Not Available

### Angle of Rotation

Total Rotation: 260° ± 5°  
Effective Rotation: 260° (approximate)

### Turning Torque

Standard: 3/4 to 6 in-oz (54 – 432 gf-cm)  
Special High Torque Feature: 2 to 7 in-oz  
(144 – 505 gf-cm)

### Stop Strength

2 1/2 in-lb (2.9 kgf-cm min.)

### Adjusting Knob Information

Diameter: 19/32" (15.08mm)  
Trim:

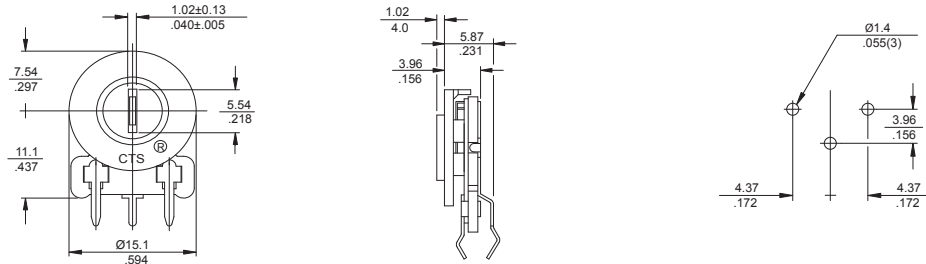
Knob Periphery	Knob Adjustment	CTS Type
<i>Standard:</i>		
Smooth round	Slotted — front or rear screwdriver adjust Rim to guide screwdriver.	201-RS
<i>Special:</i>		
Serrated Edge wheel adjust	Slotted — front or rear screwdriver adjust.	201-SS
Smooth round	Front — screwdriver slotted, plus front and rear hex hole adjust.	201-RH
Serrated. Edge wheel adjust	Front — screwdriver slotted, plus front and rear hex hole adjust.	201-SH

*Standard Color:* Blue or white. *Special Colors:* Others as required at additional cost.  
OPTIONAL PLUG-IN SHAFT . . . for insertion into 201 series knobs is available upon request.  
Consult CTS for additional information.

### Mounting Information

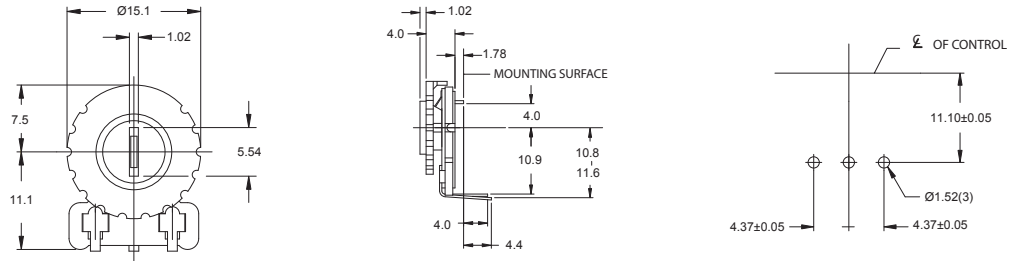
Type U-201 for mounting control with knob parallel to printed circuit board.  
Type X-201 for mounting control with knob perpendicular to printed circuit board.  
Type H-201 for mounting control with knob parallel to printed circuit board. Features in-line terminals, .172" (4.37mm) centers.

## Type 201X-R



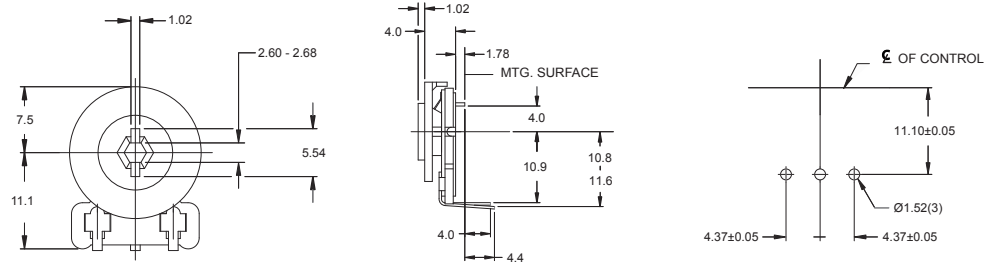
DIMENSION:  $\frac{\text{mm}}{\text{INCH}}$

## Type 201U-S



DIMENSION:  $\frac{\text{mm}}{\text{INCH}}$

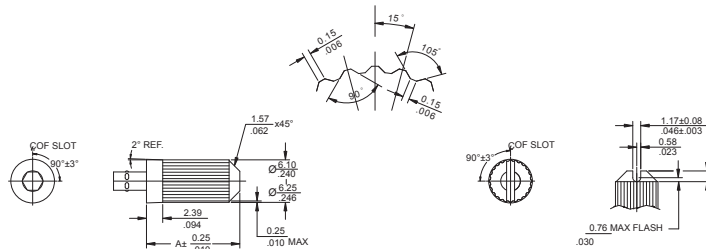
## Type 201U-H



DIMENSION:  $\frac{\text{mm}}{\text{INCH}}$

## Type 201RH Plug-In Shaft

CTS PART NO	A
SK1-201K-3EK	11.43/ .450
SK1-201K-308	6.35/ .250
SK1-201K-3BD	13.72/ .540
SK1-201K-340	31.75/ 1.250
SK1-201K-343	34.11/ 1.343
SK1-201K-3FH	17.40/ .685
SK1-201K-352	41.28/ 1.625



DIMENSION:  $\frac{\text{mm}}{\text{INCH}}$

The above shafts are used for hex hole knob.

## Distributor Stocked 201 Series Trimmers

CTS types X-201 and U-201 are available off the shelf from Distributor Stock under the following part numbers. Your valued order will be promptly handled by the CTS Industrial Distributor nearest you.

Distributor Stock Values		
Resistance Values in Ohms $\pm 20\%$	Type and Part Number	
	201X	201U
100 $\Omega$	201XR101B	201UR101B
250 $\Omega$	201XR251B	201UR251B
500 $\Omega$	201XR501B	201UR501B
1,000 $\Omega$	201XR102B	201UR102B
2,500 $\Omega$	201XR252B	201UR252B
5,000 $\Omega$	201XR502B	201UR502B
10K $\Omega$	201XR103B	201UR103B
25K $\Omega$	201XR253B	201UR253B
50K $\Omega$	201XR503B	201UR503B
100K $\Omega$	201XR104B	201UR104B
250K $\Omega$	201XR254B	201UR254B
500K $\Omega$	201XR504B	201UR504B
1.0M $\Omega$	201XR105B	201UR105B

## Ordering Information

