

Features

- 6 mm Round / Single-Turn
- Horizontal and vertical mounting styles
- Dust resistant/splash resistant covers
- PC board stand-offs and retention feature
- RoHS compliant*

TC06 - 6 mm Cermet Trimming Potentiometer

Electrical Characteristics

Standard Resistance Range
100 ohms to 1 megohm
 (see standard resistance table)
 Resistance Tolerance $\pm 30\%$ std.
 (tighter tolerance available)
 Terminal Resistance
 $\leq \pm 1\%R$ ($R > 2K$ ohms)
 ≤ 20 ohms (100 ohms $\leq R \leq 2K$ ohms)
 Contact Resistance Variation. $\pm 3\%$ max.
 Resolution Essentially infinite
 Adjustment Angle $215^\circ \pm 15^\circ$

Environmental Characteristics

Power Rating
 70 °C 0.2 watt
 Temperature Range ... -30°C to $+100^\circ\text{C}$
 Temperature Coefficient ... ± 250 ppm/°C
 Load Life ..1,000 hours 0.2 watt @ 70 °C
 [$\Delta R \leq \pm(5\%R + 0.1$ ohms)]
 Rotational Life200 cycles
 [$\Delta R \leq \pm(10\%R + 0.5$ ohms)]

Physical Characteristics

Mechanical Angle $260^\circ \pm 20^\circ$
 Torque (Starting) ≤ 35 mN.m
 Stop Strength > 50 mN.m
 Standard Packaging200 pcs. per bag

How To Order

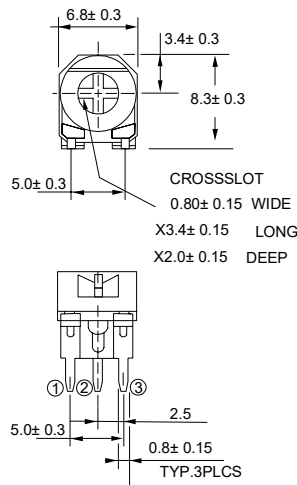
Model TC06 - 40 - 103
 Style _____
 Resistance Code _____
 (see standard resistance table)

Standard Resistance Table

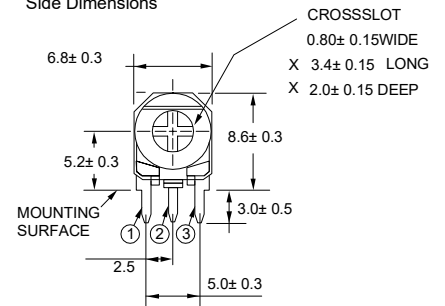
Resistance (Ohms)	Resistance Code
100	101
200	201
500	501
1,000	102
2,000	202
5,000	502
10,000	103
20,000	203
25,000	253
50,000	503
100,000	104
200,000	204
250,000	254
500,000	504
1,000,000	105

Product Dimensions

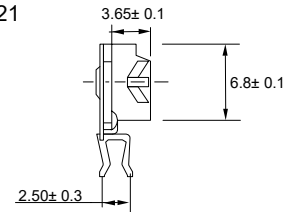
Top Dimensions



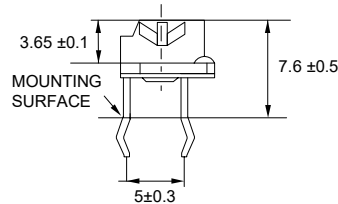
Side Dimensions



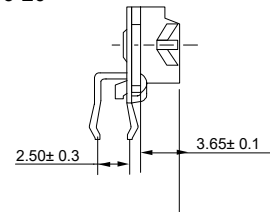
TC06-21



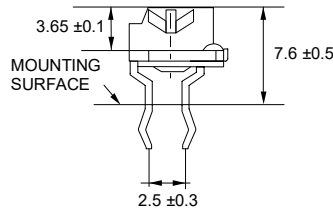
TC06-40



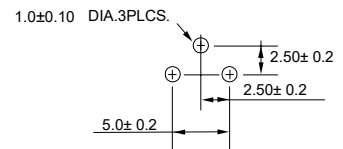
TC06-20



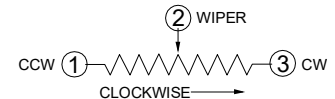
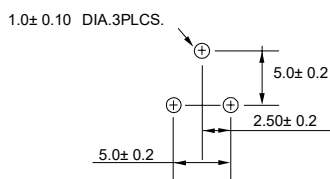
TC06-41



SUGGESTED PWBLAYOUT-STYLES 41,21,20



SUGGESTED PWBLAYOUT-STYLE 40



DIMENSIONS: MM

TOLERANCES: ± 0.3 EXCEPT WHERE NOTED