

COC-P-143-98

## WT24 WT24 Wirewound trimmer

### Applicable specifications

GJB917-90  
SJ20222-92 WT24

### Electrical characteristics

Range of nominal resistance ( ):20 5K  
Resistance tolerance:±5%  
Terminal resistance: 2%R or 1 ,  
2%R or 1 , whichever greater  
Peak noise: 100  
Insulation resistance:  $R_i$  1G(500V)  
Dielectric withstand voltage:900V<sub>AC</sub>,  
(Atmospheric pressure)  
Effective Electrical travel:25±1 turns

### Environmental characteristics

Rating Power:0.75W @ 70°C, 0W @ 125°C  
Temperature range: -55°C +125°C  
TCR: ±50×10<sup>-6</sup>/°C  
Thermal Shock: -65°C +125°C,5 cycles;  
 $R \pm(1\%R+0.05)$  , (Uab/Uac) ±1%  
Moisture proof: GJB360A-96, Method 106,240h  
 $R \pm(1\%R+0.05)$  , $R_i$  100M  
High frequency vibration:  
GJB360A-96, Method 204  
 $R \pm(1\%R+0.05)$  , (Uab/Uac) ±1%  
Shock:GJB360A-96, Method 213  
 $R \pm(1\%R+0.05)$  , (Uab/Uac) ±1%  
High temperature life:70°C,0.75W,1000h;  
 $R \pm 2\%R$  , (Uab/Uac) ±2%  
Rotational life: 200 cycles;  
 $R \pm 2\%R$   
High temperature exposure: 125°C,250h;  
 $R \pm(1\%R+0.05)$  , (Uab/Uac) ±1%  
Low temperature operation: -55°C,0.75W,  
 $R \pm(1\%R+0.05)$  , (Uab/Uac) ±1%  
Immersion: GJB360A-96, Method 104

No continuous streams of bubbles emitted

### Physical characteristics

Starting torque: 35mN·m  
Clutch Torque:  
25 ,  
Idle against the end for 25 turns, no evidence of  
electrical discontinuity in reversed direction.  
Weight: 1.3g  
:  
Marking: Code symbol, type, resistance, date code Circuit Diagram  
Standard package: 100 / ,100pcs/box

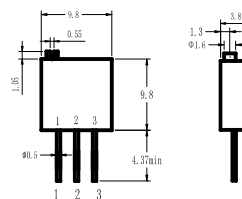
### Ordering information

WT24—C1—W—2K

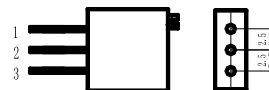
Type— Characteristics— Terminal type— Resistance

### Dimensions

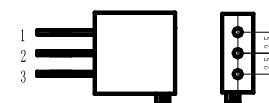
Common  
Dimensions



WT24C1W



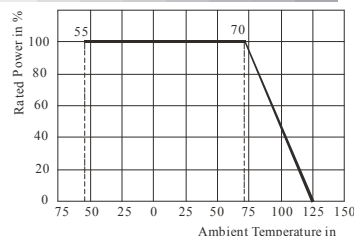
WT24C1X



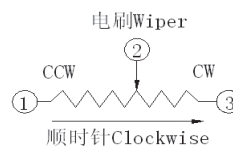
±0.5

Note: Tolerance is ±0.5, unless otherwise specified

### Derating curve



### Circuit diagram



### Nominal resistance table

(Ω) Resistance	(%) Resolution
20	1.10
50	0.77
100	0.62
200	0.55
500	0.51
1K	0.37
2K	0.30
5K	0.25