

COC-P-262-99

MIL-R-22097

MIL-R-22097 Qualified

- GJB918-90
- SJ20215-92 WJ14

- Range of rated resistance (Ω): 10 1M
- Resistance tolerance: $\pm 10\%$
- Terminal resistance: $\leq 2\%R$ 2 Ω , $\leq 2\%R$ or 2 Ω , whichever greater
- Contact resistance variation: CRV $\leq 2\%R$ 10 Ω , CRV $\leq 2\%R$ or 10 Ω , whichever greater
- Insulation Resistance: $R_i \geq 1G\Omega$ (500V_{DC})
- Dielectric withstand voltage: 900V_{AC} (, Barometric pressure)
- Effective Electrical travel: 18 ± 1 turns

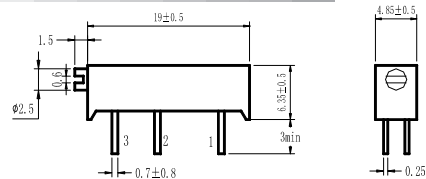
- Rated Power (300Umax): 0.5W@70°C, 0W@125°C
- Temperature Range(°C): -55 +125
- TRC: $\leq 150 \times 10^{-6} / ^\circ C$
- Thermal Shock: -65°C +125°C, 5 cycles; $\Delta R \leq \pm 3\%R$, $\Delta(Uab/Uac) \leq \pm 2\%$
- Shock :GJB360A-96, method 213 $\Delta R \leq \pm 2\%R$, $\Delta(Uab/Uac) \leq \pm 2\%$
- High Frequency Vibration: GJB360A-96, method 204 $\Delta R \leq \pm 2\%R$, $\Delta(Uab/Uac) \leq \pm 2\%$
- Moisture Resistance: +25°C 65°C, RH:90% 100%, 20 cycles, 24h/each cycle; $\Delta R \leq \pm 5\%R$, $R_i \geq 100M\Omega$
- Life: 70°C, 0.5W, 1000h $\Delta R \leq \pm 5\%R$, $\Delta(Uab/Uac) \leq \pm 2\%$
- Rotation Life: 200 cycles; $\Delta R \leq \pm 5\%R$
- High Temperature Storage: 125°C, 250h $\Delta R \leq \pm 5\%R$, $\Delta(Uab/Uac) \leq \pm 2\%$
- Low Temperature Operating: -55°C, 0.5w $\Delta R \leq \pm 2\%R$, $\Delta(Uab/Uac) \leq \pm 2\%$
- Immersion :GJB360A-96, Method 104

No continuous stream of bubbles emitted

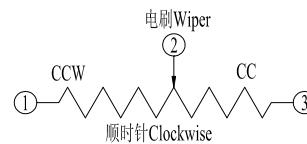
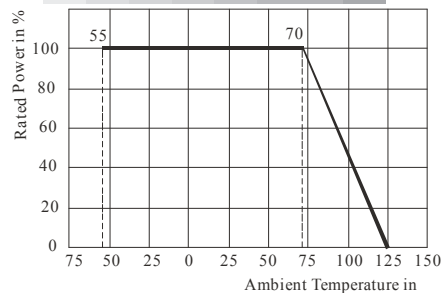
- Starting torque: $\leq 50mN \cdot m$
- Clutch Torque: 25

Idle at end of the resistance element for 25 turns, no evidence of electrical discontinuity in reversed direction.

- Marking: Code symbol, Type, Resistance, date code, Circuit Diagram
- Standard package: 50 / , 50pcs/box



Note: Tolerance is ± 0.5 , if no identification



Ω	
10	2.23
20	3.1
50	5.0
100	7.0
200	10.0
500	15.8
1K	22.3
2K	31.6
5K	50.0
10K	70.7
20K	100
50K	158
100K	223
200K	300
500K	300
1M	300

Type— Characteristic—
Terminal type— Resistance