

3590



Short Description:

Wire-wound Potentiometer WXD3590 Electrical Characteristics
 Standard Resistance Range 100Ω~100KΩ Resistance Tolerance ±5%
 Independent Linearity ±0.25% Terminal Resistance ≤0.2%R or 5Ω
 Contact Resistance Variation (CRV) ≤3%R or 3Ω Insulation Resistance
 R1≥ 1GΩ Withstand Voltage 101.3kPa 710V 8.5kPa 470V Rated
 Power 2W (315V max) Effective Electrical Travel ≥3600° -10°
 Environment Characteristics Temperature Range -55°C~+125°C
 Temperature Coefficient ±100...

| Wire-wound Potentiometer WXD3590 | | |
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| | Contact Resistance Variation (CRV) | ≤3%R or 3Ω |
| | Insulation Resistance | R1≥ 1GΩ |
| | Withstand Voltage | 101.3kPa 710V 8.5kPa 470V |
| | Rated Power | 2W (315V max) |
| | Effective Electrical Travel | ≥3600° -10° |
| Environment Characteristics | Temperature Range | -55°C~+125°C |
| | Temperature Coefficient | ±100ppm/°C |
| | Temperature Variation | ΔR≤±2%R, ΔUab/Uac≤±1%R |
| | Collision (390m/S ² , 4000 times) | ΔR≤±1%R |
| | Vibration (10-500HZ, 0.75mm or 98m/S ² 6h) | ΔR≤±1%R, ΔUab/Uac≤±2%R |
| | Climate Category | ΔR≤± 3%R, R1≥100MΩ |
| | Electrical Endurance (70°C,2W,1000h) | ΔR≤± 3%R |
| | Mechanical Endurance (10000 cycles) | ΔR≤± 3%R |
| | Steady Damp-Heat | ΔR≤± 3%R, R1≥100MΩ |
| Physical Characteristics | Total Mechanical Travel | 3600°±10° |
| | Starting Torque | ≤36mN.m |
| | Clutch Torque | ≤300mN.m |

