

POTENTIOMETER

WIRE WOUND & CARBON FILM

Applications:

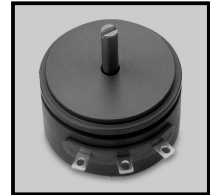
- Automobile, D.C. /A.C. drives. Control engineering, avionics, instrumentation, heavy industrial applications
- Power Switchgear/protection, Slip ring motor starting, nuclear, solid state physical application, X-ray,
- Power supplies Nuclear/power plant/heavy electrical and mechanical engineering, packaging,
- Special performance sensor actuators for linear/rotary motion control, generation//transmission/distribution.

Introduction:

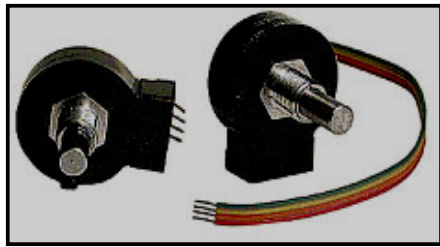
MTFSTP series of silicon coated/vitreous wire wound & thick film potentiometers are heavy-duty power resistance using improved version of mangnin/eureka/other precision alloy materials ensuring better thermal stability over wide power range. These resistances are coated with special siloxane coating/ceramic coating to ensure high dielectric strength of wiring. In some cases these resistance may be offered coating withstanding higher temperature range. End terminal are either tin coated brass or copper metal. Tailor-made resistances are always encouraged.

Benefits:

- High flash temperature / Better temperature operating range.
- Easy installation, Non abrasive/ chemically compatible.
- Stable power dissipation over specified working ranging.
- High-energy density/thermal stability/dielectric strength coating.
- Moisture resistance, better-triologicalproperties



Single-turn



Single-turn



single-turn



multi-turn

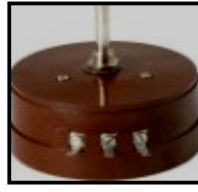
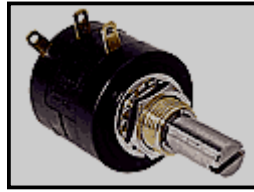
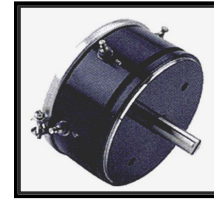
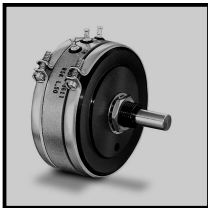


multiturn

Electrical/Mechanical specifications of Thick Film Potentiometer:

| Model | Power watt | Ohm ohm | Housing Dia\length m.m. | Shaft\ Dial\length m.m. | Ltotal m.m. | Shaft\ Shaft m.m.\material | Threading shaft | no.ofturn\travel angle-degree | Initial-Resistive-blacklash & T_starting (mill. N.m.) | Linearity\ turn-life |
|-------------|------------|---------|-------------------------|-------------------------|-------------|----------------------------|-----------------------|-------------------------------|---|----------------------|
| MWWP-000010 | 02-10 | 000010 | option | 16 option | option | 06\ 16\ alloy | Thread: 3/8-32 NEF-2A | Single\350 | + \-5°&0.1 | +/- 1.0% |
| MWWP-000100 | 02-10 | 000100 | option | 16 option | option | 06\ 16\ alloy | Thread: 3/8-32 NEF-2A | Single\350 | + \-5°&0.1 | +/- 1.0% |
| MWWP-000500 | 02-10 | 000500 | option | 16 option | option | 06\ 16\ alloy | Thread: 3/8-32 NEF-2A | Single\350 | + \-5°&0.1 | +/- 1.0% |
| MWWP-001000 | 02-10 | 001000 | option | 16 option | option | 06\ 16\ alloy | Thread: 3/8-32 NEF-2A | Single\350 | + \-5°&0.1 | +/- 1.0% |
| MWWP-002000 | 02-10 | 002000 | option | 16 option | option | 06\ 16\ alloy | Thread: 3/8-32 NEF-2A | Single\350 | + \-5°&0.1 | +/- 1.0% |
| MWWP-005000 | 02-10 | 005000 | option | 16 option | option | 06\ 16\ alloy | Thread: 3/8-32 NEF-2A | Single\350 | + \-5°&0.1 | +/- 1.0% |
| MWWP-010000 | 02-10 | 010000 | option | 16 option | option | 06\ 16\ alloy | Thread: 3/8-32 NEF-2A | Single\350 | + \-5°&0.1 | +/- 1.0% |
| MWWP-050000 | 02-10 | 050000 | option | 16 option | option | 06\ 16\ alloy | Thread: 3/8-32 NEF-2A | Single\350 | + \-5°&0.1 | +/- 1.0% |
| MWWP-100000 | 02-10 | 100000 | option | 16 option | option | 06\ 16\ alloy | Thread: 3/8-32 NEF-2A | Single\350 | + \-5°&0.1 | +/- 1.0% |
| MWWP-500000 | 02-10 | 500000 | option | 16 option | option | 06\ 16\ alloy | Thread: 3/8-32 NEF-2A | Single\350 | + \-5°&0.1 | +/- 1.0% |
| MWWP-800000 | 02-10 | 800000 | option | 16 option | option | 06\ 16\ alloy | Thread: 3/8-32 NEF-2A | Single\350 | + \-5°&0.1 | +/- 1.0% |

Dimensions are indicative and may exceed tolerance. These are available in 1%/3% and 5% tolerance range. Company offers electronic loading modules.



Company makes no warranty expressed or implied. Concerning the use of this product and users shall assume all risk of use or handling whether or not in accordance with directions suggestion, or used singly or in combination with other product.

MOTORON SEMICONDUCTORS CORPORATION

11, Shri Nagar Colony, Shakti Nagar Extension, Delhi-110052 Tel: 91-011-23644180/23655454

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POTENTIOMETER

WIRE WOUND & CARBON FILM

Electrical/Mechanical specifications of-Thick film -Potentiometer (single-turn):

| Model | Power watt | Ohm ohm | Housing Dia \ length m.m. | Shadff Dial & length m.m. | Ltotal m.m. | Shaft \ Shaft m.m. | Threading shaft | no.ofturn \ travel angle-degree | Initial \ resistive-blacklash | linearity |
|-------------|------------|---------|---------------------------|---------------------------|-------------|--------------------|-----------------|---------------------------------|-------------------------------|-----------|
| MWWP-000010 | 02-05 | 000010 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5° & 0.1 | +/- 1.0% |
| MWWP-000100 | 02-05 | 000100 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5° & 0.1 | +/- 1.0% |
| MWWP-000500 | 02-05 | 000500 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5° & 0.1 | +/- 1.0% |
| MWWP-001000 | 02-05 | 001000 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5° & 0.1 | +/- 1.0% |
| MWWP-002000 | 02-05 | 002000 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5° & 0.1 | +/- 1.0% |
| MWWP-005000 | 02-05 | 005000 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5° & 0.1 | +/- 1.0% |
| MWWP-010000 | 02-05 | 010000 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5° & 0.1 | +/- 1.0% |
| MWWP-050000 | 02-05 | 050000 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5° & 0.1 | +/- 1.0% |
| MWWP-100000 | 02-05 | 100000 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5° & 0.1 | +/- 1.0% |
| MWWP-500000 | 02-05 | 500000 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5° & 0.1 | +/- 1.0% |
| MWWP-800000 | 02-05 | 800000 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5° & 0.1 | +/- 1.0% |

Electrical/Mechanical specifications of-Thick-film-Potentiometer (single-turn):

| Model | Power watt | Ohm ohm | Housing Dia \ length m.m. | Shadff Dial & length m.m. | Ltotal m.m. | Shaft \ Shaft m.m. | Threading shaft | no.ofturn \ travel angle-degree | Initial \ resistive-blacklash | linearity |
|-------------|------------|---------|---------------------------|---------------------------|-------------|--------------------|-----------------|---------------------------------|-------------------------------|-----------|
| MWWP-000010 | 05-10 | 000010 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5° & 0.1 | +/- 1.0% |
| MWWP-000100 | 05-10 | 000100 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5° & 0.1 | +/- 1.0% |
| MWWP-000500 | 05-10 | 000500 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5° & 0.1 | +/- 1.0% |
| MWWP-001000 | 05-10 | 001000 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5° & 0.1 | +/- 1.0% |
| MWWP-002000 | 05-10 | 002000 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5° & 0.1 | +/- 1.0% |
| MWWP-005000 | 05-10 | 005000 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5° & 0.1 | +/- 1.0% |
| MWWP-010000 | 05-10 | 010000 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5° & 0.1 | +/- 1.0% |
| MWWP-050000 | 05-10 | 050000 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5° & 0.1 | +/- 1.0% |
| MWWP-100000 | 05-10 | 100000 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5° & 0.1 | +/- 1.0% |
| MWWP-500000 | 05-10 | 500000 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5° & 0.1 | +/- 1.0% |
| MWWP-800000 | 05-10 | 800000 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5° & 0.1 | +/- 1.0% |

Electrical/Mechanical specifications of-Thick-film-Potentiometer (multi-turn):

| Model | Power watt | Ohm ohm | Housing Dia \ length m.m. | Shadff Dial & length m.m. | Ltotal m.m. | Shaft \ Shaft m.m. | Threading shaft | no.ofturn \ travel angle-degree | Initial \ resistive-blacklash | linearity |
|-------------|------------|---------|---------------------------|---------------------------|-------------|--------------------|-----------------|---------------------------------|-------------------------------|-----------|
| MWWP-000010 | 02-05 | 000010 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5° & 0.1 | +/- 1.0% |
| MWWP-000100 | 02-05 | 000100 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5° & 0.1 | +/- 1.0% |
| MWWP-000500 | 02-05 | 000500 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5° & 0.1 | +/- 1.0% |
| MWWP-001000 | 02-05 | 001000 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5° & 0.1 | +/- 1.0% |
| MWWP-002000 | 02-05 | 002000 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5° & 0.1 | +/- 1.0% |
| MWWP-005000 | 02-05 | 005000 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5° & 0.1 | +/- 1.0% |
| MWWP-010000 | 02-05 | 010000 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5° & 0.1 | +/- 1.0% |
| MWWP-050000 | 02-05 | 050000 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5° & 0.1 | +/- 1.0% |
| MWWP-100000 | 02-05 | 100000 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5° & 0.1 | +/- 1.0% |
| MWWP-500000 | 02-05 | 500000 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5° & 0.1 | +/- 1.0% |
| MWWP-800000 | 02-05 | 800000 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5° & 0.1 | +/- 1.0% |

Electrical/Mechanical specifications of-thick-film-Potentiometer (multi-turn):

| Model | Power watt | Ohm ohm | Housing Dia \ length m.m. | Shadff Dial & length m.m. | Ltotal m.m. | Shaft \ Shaft m.m. | Threading shaft | no.ofturn \ travel angle-degree | Initial \ resistive-blacklash | linearity |
|-------------|------------|---------|---------------------------|---------------------------|-------------|--------------------|-----------------|---------------------------------|-------------------------------|-----------|
| MWWP-000010 | 05-10 | 000010 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5° & 0.1 | +/- 1.0% |
| MWWP-000100 | 05-10 | 000100 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5° & 0.1 | +/- 1.0% |
| MWWP-000500 | 05-10 | 000500 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5° & 0.1 | +/- 1.0% |
| MWWP-001000 | 05-10 | 001000 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5° & 0.1 | +/- 1.0% |
| MWWP-002000 | 05-10 | 002000 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5° & 0.1 | +/- 1.0% |
| MWWP-005000 | 05-10 | 005000 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5° & 0.1 | +/- 1.0% |
| MWWP-010000 | 05-10 | 010000 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5° & 0.1 | +/- 1.0% |
| MWWP-050000 | 05-10 | 050000 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5° & 0.1 | +/- 1.0% |
| MWWP-100000 | 05-10 | 100000 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5° & 0.1 | +/- 1.0% |
| MWWP-500000 | 05-10 | 500000 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5° & 0.1 | +/- 1.0% |
| MWWP-800000 | 05-10 | 800000 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5° & 0.1 | +/- 1.0% |

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WIRE WOUND & CARBON FILM

General-electrical-mechanical-environmental-specification:

Electrical-Specification:

Resistance Range: Ohms 1K to 300K
Standard Resistance Tolerance: $\pm 10\%$
Minimum Practical Resistance Tolerance $\pm 5\%$
Independent Linearity: $\pm 0.5\%$
Minimum Practical Independent Linearity: $\pm 0.25\%$
Input Voltage, Maximum 400Vdc not to exceed power rating
Power Rating, Watts 2.0 at 70°C derating to 0 at 105°C
Dielectric Strength: 1,000V rms
Insulation Resistance, Minimum 1,000 Megohms
Output Smoothness: Maximum 0.1%
Actual Electrical Travel, Nominal 348°
Electrical Continuity Travel, Minimum: 350°
End Voltage, Maximum: 0.5% of Input Voltage
Tap Tolerance: 0.5% of Input Voltage
Resolution Essentially infinite
Temperature Coefficient: $-800 \text{ ppm}/^\circ\text{C}$
* Linearity is measured between 1% and 99% of input voltage.
** Special tempco available to $\pm 100 \text{ ppm}/^\circ\text{C}$.

Environmental-Specification :

Operating Temperature Range Static: -65°C to $+125^\circ\text{C}$
Dynamic: -40°C to $+125^\circ\text{C}$
Temperature Cycling 5 cycles, -65°C to $+125^\circ\text{C}$ (10% ΔR)
Shock, 6ms Sawtooth 100G's (0.1ms discontinuity max.)
Vibration 10G's, 10 to 500 Hz (2% ΔR , 0.1ms discontinuity max.)
Moisture Resistance Five 24-hour cycles (25% ΔR)
High Temperature Exposure Mechanical operation at 125°C (0.5% ΔR)
Rotational Life 10 mil. Shaft rev.
Rotational Load Life 10 mil. Shaft rev. (10% ΔR)
Model 3381
Center Tap CT
Linearity Tape LT
Flatted Shaft FS
Slotted Shaft SS
Stop ST
Shaft Lock SL

1K 2K 5K 10K 20K 50K 100K

Mechanical-specification:

Total Mechanical Travel 360° continuous ($350^\circ \pm 2^\circ$ with stop feature)
Number of Gangs, Maximum 1
Weight, Nominal 1.5 oz.
Shaft Runout, T.I.R., Maximum .0025"
Pilot Diameter Runout, T.I.R., Maximum .0025"
Lateral Runout, T.I.R., Maximum .003"
Shaft Radial Play, Maximum .004"
Start/Run Torque, Maximum 1.0 oz.-in.
1 in. 25.4mm
1 oz. 28.4 gm
1 oz.-in. 0.007 N-m
1 lb.-in. 0.113 N-m
Model 3381
3381 R 10K T5 L .5 XX
Model Series
Resistance Prefix
Resistance Value
Optional Special
Feature Code
Linearity

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Applications:

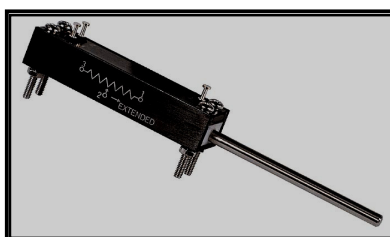
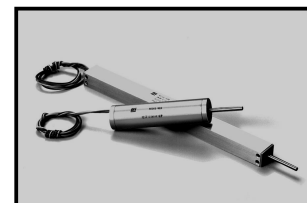
Automobile, avionics, plasma, heavy industrial applications, Power Switchgear/protection, Nuclear, solid state physical application, X-ray, power supplies, Nuclear/power plant, high voltage applications Special performance sensor actuators for linear/rotary motion control, generation//transmission/distribution.

Introduction:

MCPR series of thick film resistance are heavy-duty power resistance using improved version of carbon/metal alloys ensuring better thermal stability over wide power range. These resistances are coated with special siloxane coating/ceramic coating to ensure high dielectric strength of wiring. In some cases these resistance may be offered coating withstanding higher temperature range. End terminal are either tin Coated brass or copper metal. Tailor-made resistances are always encouraged.

Benefits:

- High flash temperature / Better temperature operating range.
- Easy installation, Non abrasive/ chemically compatible. +++++
- Stable power dissipation over specified working ranging.
- High-energy density/thermal stability/dielectric strength coating.
- Moisture resistance/voltage range upto 200 K.V.
- Better thermal conductivity/superior aging effect



PLANAR CARBON FILM RESISTANCE

HIGH POWER CARBON FILM RESISTANCE

HIGH POWER AXIAL LEAD CARBON FILM RESISTANCE

Electrical/Mechanical specifications of Wirewound-Potentiometer (single-turn-multi-turn):

| Model | Power watt | Ohm ohm | Housing Dia \ length m.m. | O.D. Length & m.m. | Shaft Dial & length m.m. | Ltotal m.m. | Shaft \ Shaft m.m. | Threading shaft | Rmin | Rmax |
|-------------|------------|---------|---------------------------|--------------------|--------------------------|-------------|--------------------|-----------------|------|------|
| MWWP-000010 | 02-10 | 000010 | 115 | 29 | 16 option | option | 06 \ 16 | option | R10 | 4R0 |
| MWWP-000100 | 02-10 | 000100 | 115 | 29 | 16 option | option | 06 \ 16 | option | R10 | 4R0 |
| MWWP-000500 | 02-10 | 000500 | 140 | 29 | 16 option | option | 06 \ 16 | option | R10 | 5R0 |
| MWWP-001000 | 02-10 | 001000 | 140 | 29 | 16 option | option | 06 \ 16 | option | R10 | 5R0 |
| MWWP-002000 | 02-10 | 002000 | 200 | 29 | 16 option | option | 06 \ 16 | option | R10 | 7R0 |
| MWWP-005000 | 02-10 | 005000 | 200 | 29 | 16 option | option | 06 \ 16 | option | R10 | 7R0 |
| MWWP-010000 | 02-10 | 010000 | 250 | 40 | 16 option | option | 06 \ 16 | option | R10 | 10R0 |
| MWWP-050000 | 02-10 | 050000 | 250 | 40 | 16 option | option | 06 \ 16 | option | R10 | 10R0 |
| MWWP-100000 | 02-10 | 100000 | 300 | 40 | 16 option | option | 06 \ 16 | option | R10 | 10R0 |
| MWWP-500000 | 02-10 | 500000 | 300 | 40 | 16 option | option | 06 \ 16 | option | R10 | 10R0 |
| MWWP-800000 | 02-10 | 800000 | 300 | 40 | 16 option | option | 06 \ 16 | option | R10 | 18R0 |

Electrical/Mechanical specifications of Wirewound-Potentiometer (single-turn-multi-turn):

| Model | Power watt | Ohm ohm | Housing Dia \ length m.m. | O.D. Length & m.m. | Shaft Dial & length m.m. | Ltotal m.m. | Shaft \ Shaft m.m. | Threading shaft | Rmin | Rmax |
|-------------|------------|---------|---------------------------|--------------------|--------------------------|-------------|--------------------|-----------------|------|------|
| MWWP-000010 | 02-10 | 000010 | 115 | 29 | 16 option | option | 06 \ 16 | option | R10 | 4R0 |
| MWWP-000100 | 02-10 | 000100 | 115 | 29 | 16 option | option | 06 \ 16 | option | R10 | 4R0 |
| MWWP-000500 | 02-10 | 000500 | 140 | 29 | 16 option | option | 06 \ 16 | option | R10 | 5R0 |
| MWWP-001000 | 02-10 | 001000 | 140 | 29 | 16 option | option | 06 \ 16 | option | R10 | 5R0 |
| MWWP-002000 | 02-10 | 002000 | 200 | 29 | 16 option | option | 06 \ 16 | option | R10 | 7R0 |
| MWWP-005000 | 02-10 | 005000 | 200 | 29 | 16 option | option | 06 \ 16 | option | R10 | 7R0 |
| MWWP-010000 | 02-10 | 010000 | 250 | 40 | 16 option | option | 06 \ 16 | option | R10 | 10R0 |
| MWWP-050000 | 02-10 | 050000 | 250 | 40 | 16 option | option | 06 \ 16 | option | R10 | 10R0 |
| MWWP-100000 | 02-10 | 100000 | 300 | 40 | 16 option | option | 06 \ 16 | option | R10 | 10R0 |
| MWWP-500000 | 02-10 | 500000 | 300 | 40 | 16 option | option | 06 \ 16 | option | R10 | 10R0 |
| MWWP-800000 | 02-10 | 800000 | 300 | 40 | 16 option | option | 06 \ 16 | option | R10 | 18R0 |

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WIRE WOUND & CARBON FILM

Electrical/Mechanical specificationsof-Wirewoud-Potetiometer (signle-turn \multi-turn):

| Model | Power watt | Ohm ohm | Housing Dia \length m.m. | Shadff Dial&length m.m. | Ltotal m.m. | Shaft \ Shaft m.m. | Threading shaft | no.ofturn \ travel angle-degree | Initial \resistive-blacklash | linearity |
|-------------|------------|---------|--------------------------|-------------------------|-------------|--------------------|-----------------|---------------------------------|------------------------------|-----------|
| MWWP-00010 | 02-05 | 00010 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5°&0.1 | +/- 1.0% |
| MWWP-000100 | 02-05 | 000100 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5°&0.1 | +/- 1.0% |
| MWWP-000500 | 02-05 | 000500 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5°&0.1 | +/- 1.0% |
| MWWP-001000 | 02-05 | 001000 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5°&0.1 | +/- 1.0% |
| MWWP-002000 | 02-05 | 002000 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5°&0.1 | +/- 1.0% |
| MWWP-005000 | 02-05 | 005000 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5°&0.1 | +/- 1.0% |
| MWWP-010000 | 02-05 | 010000 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5°&0.1 | +/- 1.0% |
| MWWP-050000 | 02-05 | 050000 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5°&0.1 | +/- 1.0% |
| MWWP-100000 | 02-05 | 100000 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5°&0.1 | +/- 1.0% |
| MWWP-500000 | 02-05 | 500000 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5°&0.1 | +/- 1.0% |
| MWWP-800000 | 02-05 | 800000 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5°&0.1 | +/- 1.0% |

Electrical/Mechanical specificationsof-Wirewoud-Potefiometer (signle-turn \ multi-turn):

| Model | Power watt | Ohm ohm | Housing Dia \length m.m. | Shadff Dial&length m.m. | Ltotal m.m. | Shaft \ Shaft m.m. | Threading shaft | no.ofturn \ travel angle-degree | Initial \resistive-blacklash | linearity |
|-------------|------------|---------|--------------------------|-------------------------|-------------|--------------------|-----------------|---------------------------------|------------------------------|-----------|
| MWWP-00010 | 05-10 | 00010 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5°&0.1 | +/- 1.0% |
| MWWP-000100 | 05-10 | 000100 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5°&0.1 | +/- 1.0% |
| MWWP-000500 | 05-10 | 000500 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5°&0.1 | +/- 1.0% |
| MWWP-001000 | 05-10 | 001000 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5°&0.1 | +/- 1.0% |
| MWWP-002000 | 05-10 | 002000 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5°&0.1 | +/- 1.0% |
| MWWP-005000 | 05-10 | 005000 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5°&0.1 | +/- 1.0% |
| MWWP-010000 | 05-10 | 010000 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5°&0.1 | +/- 1.0% |
| MWWP-050000 | 05-10 | 050000 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5°&0.1 | +/- 1.0% |
| MWWP-100000 | 05-10 | 100000 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5°&0.1 | +/- 1.0% |
| MWWP-500000 | 05-10 | 500000 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5°&0.1 | +/- 1.0% |
| MWWP-800000 | 05-10 | 800000 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5°&0.1 | +/- 1.0% |

Electrical/Mechanical specificationsof-Wirewoud-Potefiometer (signle-turn \ multi-turn):

| Model | Power watt | Ohm ohm | Housing Dia \length m.m. | Shadff Dial&length m.m. | Ltotal m.m. | Shaft \ Shaft m.m. | Threading shaft | no.ofturn \ travel angle-degree | Initial \resistive-blacklash | linearity |
|-------------|------------|---------|--------------------------|-------------------------|-------------|--------------------|-----------------|---------------------------------|------------------------------|-----------|
| MWWP-00010 | 02-10 | 00010 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5°&0.1 | +/- 1.0% |
| MWWP-000100 | 02-10 | 000100 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5°&0.1 | +/- 1.0% |
| MWWP-000500 | 02-10 | 000500 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5°&0.1 | +/- 1.0% |
| MWWP-001000 | 02-10 | 001000 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5°&0.1 | +/- 1.0% |
| MWWP-002000 | 02-10 | 002000 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5°&0.1 | +/- 1.0% |
| MWWP-005000 | 02-10 | 005000 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5°&0.1 | +/- 1.0% |
| MWWP-010000 | 02-10 | 010000 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5°&0.1 | +/- 1.0% |
| MWWP-050000 | 02-10 | 050000 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5°&0.1 | +/- 1.0% |
| MWWP-100000 | 02-10 | 100000 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5°&0.1 | +/- 1.0% |
| MWWP-500000 | 02-10 | 500000 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5°&0.1 | +/- 1.0% |
| MWWP-800000 | 02-10 | 800000 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5°&0.1 | +/- 1.0% |

Electrical/Mechanical specificationsof-Wirewoud-Potefiometer (signle-turn \ multi-turn):

| Model | Power watt | Ohm ohm | Housing Dia \length m.m. | Shadff Dial&length m.m. | Ltotal m.m. | Shaft \ Shaft m.m. | Threading shaft | no.ofturn \ travel angle-degree | Initial \resistive-blacklash | linearity |
|-------------|------------|---------|--------------------------|-------------------------|-------------|--------------------|-----------------|---------------------------------|------------------------------|-----------|
| MWWP-00010 | 05-10 | 00010 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5°&0.1 | +/- 1.0% |
| MWWP-000100 | 05-10 | 000100 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5°&0.1 | +/- 1.0% |
| MWWP-000500 | 05-10 | 000500 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5°&0.1 | +/- 1.0% |
| MWWP-001000 | 05-10 | 001000 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5°&0.1 | +/- 1.0% |
| MWWP-002000 | 05-10 | 002000 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5°&0.1 | +/- 1.0% |
| MWWP-005000 | 05-10 | 005000 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5°&0.1 | +/- 1.0% |
| MWWP-010000 | 05-10 | 010000 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5°&0.1 | +/- 1.0% |
| MWWP-050000 | 05-10 | 050000 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5°&0.1 | +/- 1.0% |
| MWWP-100000 | 05-10 | 100000 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5°&0.1 | +/- 1.0% |
| MWWP-500000 | 05-10 | 500000 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5°&0.1 | +/- 1.0% |
| MWWP-800000 | 05-10 | 800000 | option | 16 option | option | 06 \ 16 | option | Single \ 350 | + \ -5°&0.1 | +/- 1.0% |

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