

WDD35 SERIES

PRECISION CONDUCTIVE PLASTIC POTENTIOMETER



FEATURE

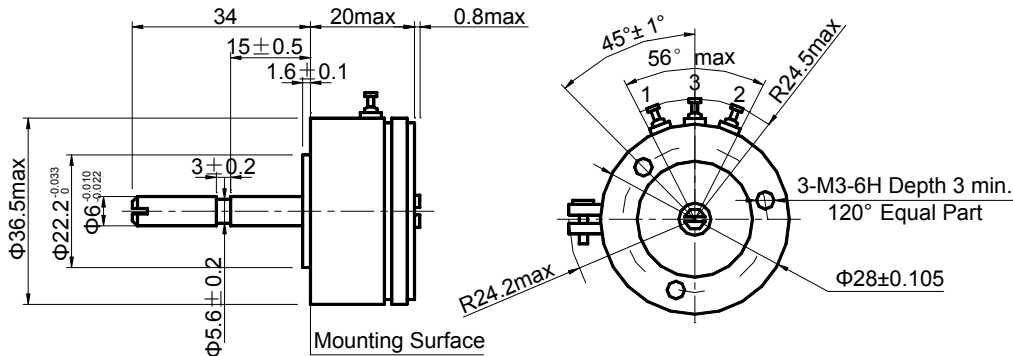
- Conforming to USA Military Standards MIL-R-39023A & MIL-STD-202F
- Key Materials Imported from Japan & USA
- 50 Million Cycles / Stable Quality
- Applied in Display and Recording Instruments, etc.



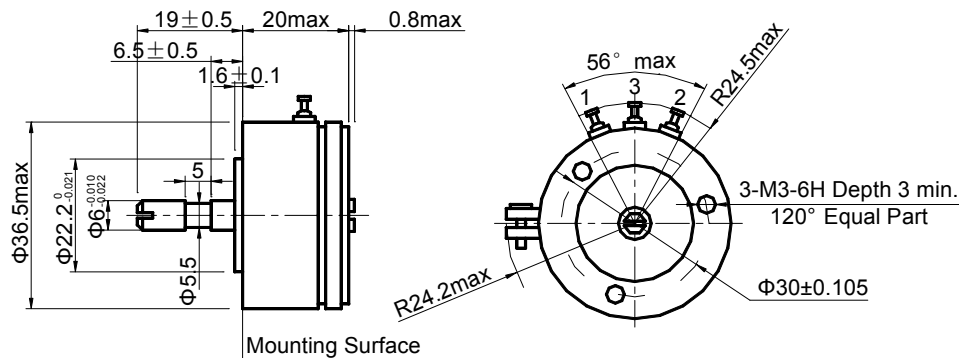
MAIN CHARACTERISTICS

Standard Resistance Values	1, 2, 3, 5, 10 K Ohms
Resistance Tolerance	$\pm 15\%$ Standard
Independent Linearity	0.1%, 0.3%, 0.5%, 1%
Effective Electrical Angle	$345 \pm 2^\circ$
Resolution	Infinite in theory
Output Smoothness	0.05% max.
Power Rating	2 Watt (70°C), 0 Watt (125°C)
Temperature Coefficient	$\pm 400\text{ppm}/^\circ\text{C}$; $\pm 250\text{ppm}/^\circ\text{C}$ (-40°C ~ +85°C) max.
Operating Temperature Range	-55°C ~ +125°C
Mechanical Rotation Angle	360° (Continuous)
Rotational Torque	1mN · m; 2mN · m (2 pots) max.
Dielectric Withstanding Voltage	500VAC min.
Insulation Resistance	1000 M Ω (500VDC) min.
Rotational Life	50,000,000 cycles Total resistance shift $\pm 10\%$ max.
Moisture Resistance	$\pm 10\%$ (90%RH 240h) max.
Vibration	$\pm 2\%$ (10-2000Hz, 1.52mm or 15g) max.
Shock	$\pm 2\%$ (50g, 11ms) max.

OUTLINE DIMENSIONS

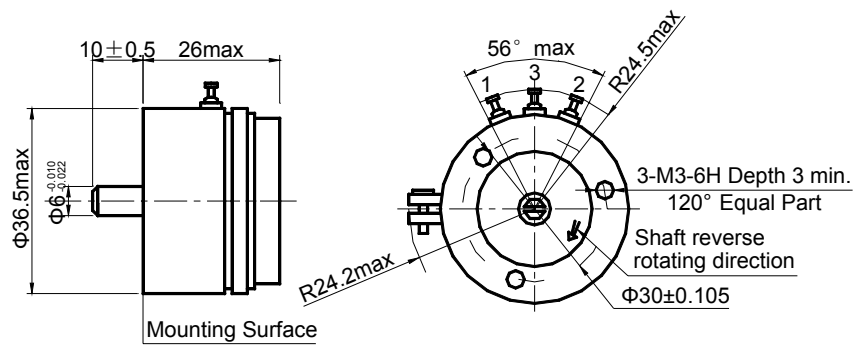


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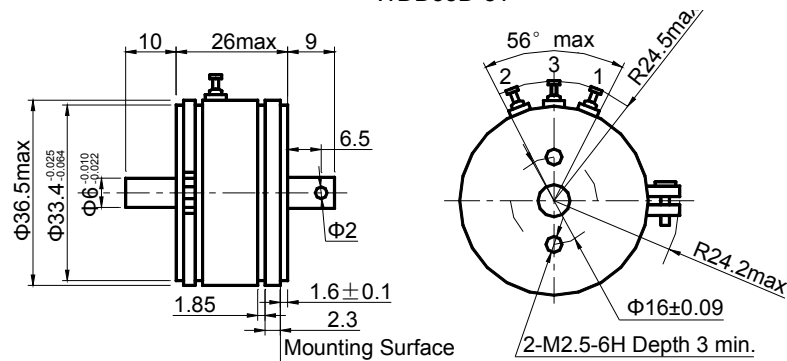


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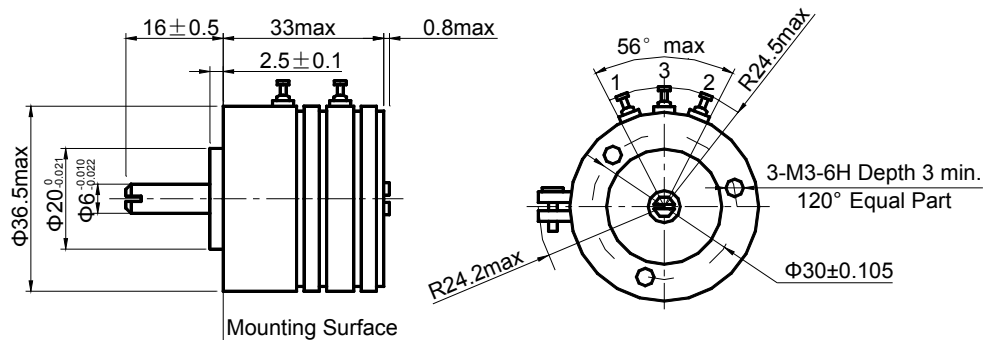
Specifications are subject to change without notice.



WDD35D-8T



WDD35S



2WDD35D-4