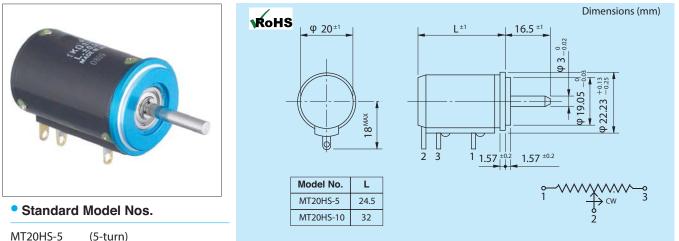


Multi-Turn Hybrid Potentiometer

Series MT20HS



MT20HS-10 (10-turn)

General Specifications (Note 1)

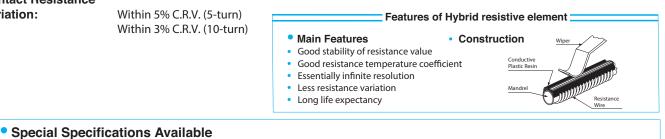
Standard Resistance		Electrical
Range:	1k, 2k, 5k, 10k, 20k Ω	Mechanica
Max. Practical		
Resistance Value: Total Resistance	100kΩ (10-turn)	Rotationa (shaft revolu
Tolerance:	Standard Class ±10%	Protection
	Precision Class ±5%	Operating
Independent Linearity		Insulation
Tolerance:		turnDielectric0.25%Starting To1%Resist. Te
Power Rating:	1.0W (5-turn) 2.0W (10-turn)	Coefficien Vibration:
Output Smoothness:	Within 0.05% against input vol (5-turn) Within 0.015% against input vo (10-turn)	tage Shock:
Contact Resistance		
Variation:	Within 5% C.R.V. (5-turn)	Fe
	Within 3% C.R.V. (10-turn)	 Main Features Good stability of resistan Good resistance temperative

al Travel: al Life: utions) n Grade: g Temp.: Strength: **Forque:** emperature nt of Wire: :

Travel:

 $360^{\circ} \times n \pm 5^{\circ}$ (n: No. of turns) $360^{\circ} \times n \frac{+10^{\circ}}{-0^{\circ}}$ (n: No. of turns) 5,000,000 (5-turn) 10,000,000 (10-turn) IP40 -55°C...+105°C **Resistance:** Over 100 M Ω at 1000V.D.C. 1 minute at 1000V.A.C. Within 5mN • m (50gf • cm) ±100p.p.m./ºC 15G / 10Hz to 2,000Hz 12 hours 50G / 11ms 18 times

> Approx. 20g (5-turn) Approx. 25g (10-turn)



Extra tap (1 tap), multi-ganged (up to 2 gangs), shaft with front and rear extension (rear shaft with 2mm dia. and 10mm length), special shaft machining (flat, pin hole, length, dia., etc.), limit switch adaptor

Note 1: Customers should test and verify device performance in any given application. General specifications are measured at temperatures of +15°C ~ +35°C. Specifications subject to change without notice.

P3 America, Inc. 3077B Clairemont Drive #363 San Diego, CA 92117 USA

Phone: 858-277-1420 858-225-0439 Fax: sales@p3america.com E-mail: Web: www.p3america.com