

PM STEPPING MOTOR

PM15/20/25 SERIES

◆ General Specification for PM Stepping Motor

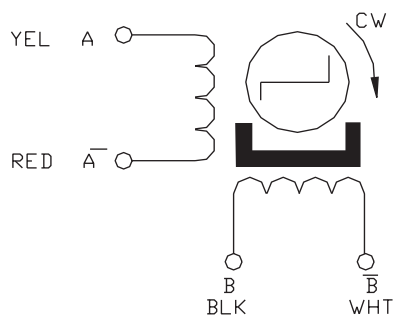
Item	Specifications
Step Angle Accuracy	± 8% (full step, no load)
Resistance Accuracy	± 10%
Inductance Accuracy	± 20%
Temperature Rise	80°CMax.(rated current,2 phase on)
Ambient Temperature	-20°C~+50°C
Insulation Resistance	100M Ω Min. ,500VDC
Dielectric Strength	500VAC for one minute
Shaft Radial Play	0.06Max. (450 g-load)
Shaft Axial Play	0.08Max. (450 g-load)



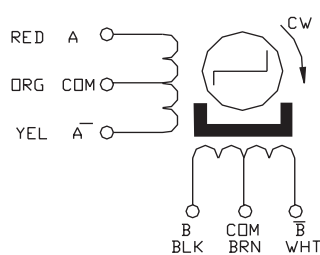
◆ SPECIFICATIONS

Model	Step Angle (Deg.)	No. of Phase	Voltage (V)	Current /Phase (A)	Resistance /Phase (ohms)	Holding Torque (g.cm)	Detent Torque (g.cm)	Rotor Inertia (g.cm ²)	Wire Diagram
PM1512-01	18	2	12	0.04	300	40	10	<1	A
PM1512-02	18	2	5	0.5	10	27	6		C
PM1512-03	18	2	12	0.065	190	40	10		C
PM2018-01	18	4	12	0.24	50	80	25		B
PM2018-02	18	2	5	0.5	10	60	20		A
PM2516-01	15	4	9	0.45	20	140	75		B
PM2516-02	15	4	12	0.4	30	130	75		B
PM2515-01	7.5	2	12	0.24	50	170	45		A
PM2515-02	7.5	4	12	0.25	50	160	35		B
PM2515-03	7.5	4	5	0.5	10	120	45		B
PM2515-04	7.5	2	5	0.5	10	110	40		A

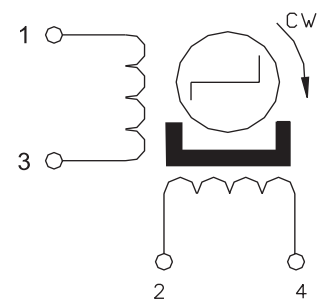
◆ WIRING DIAGRAM



A



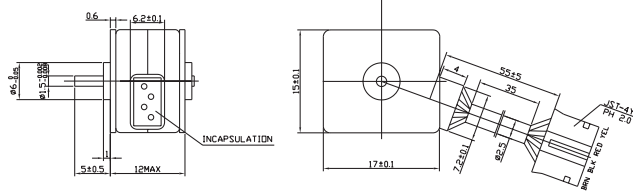
B



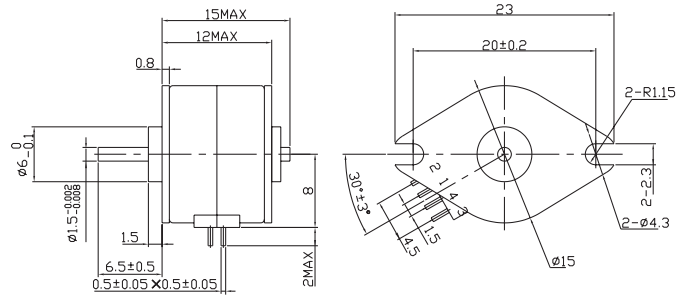
C

◆ DIMENSIONS

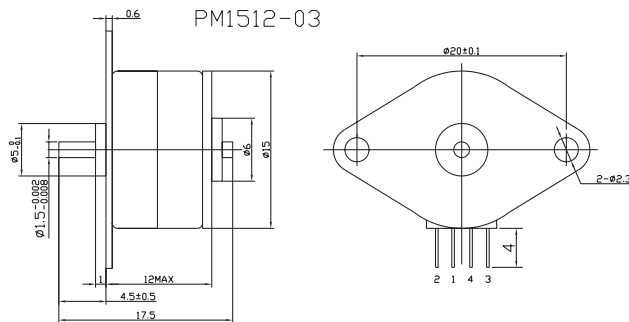
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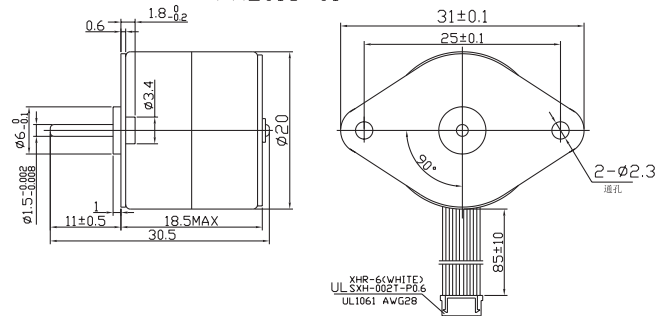
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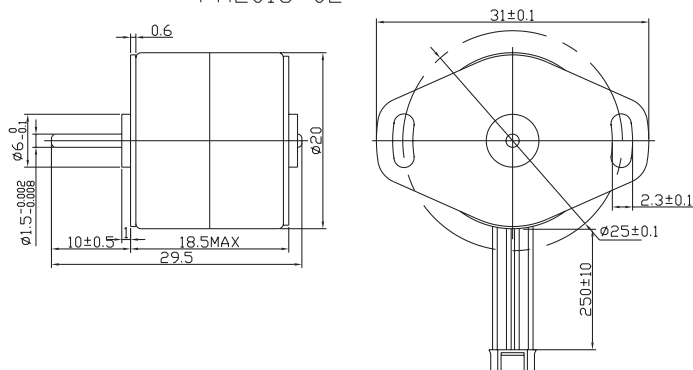
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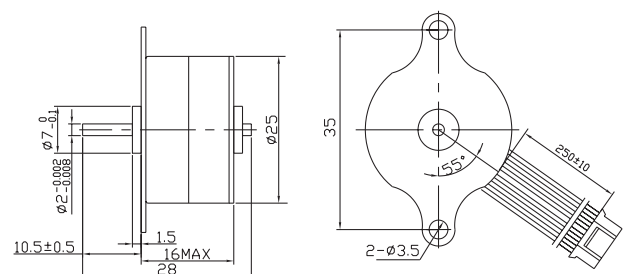
PM2018-01

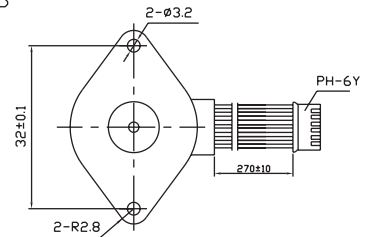
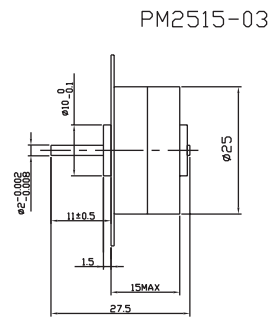
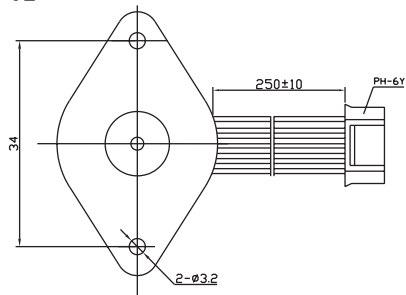
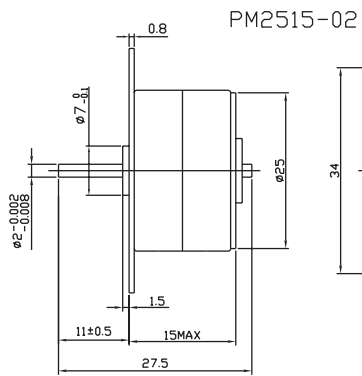
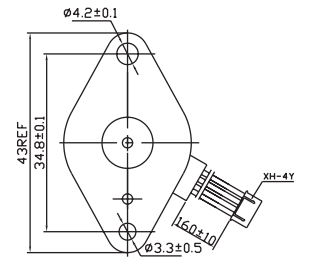
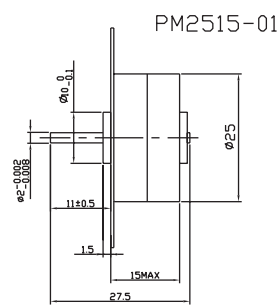
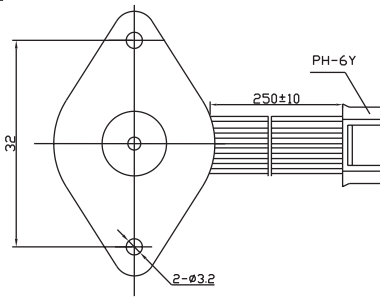
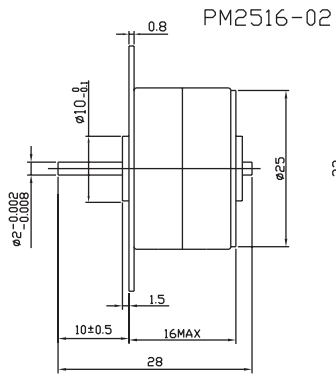


PM2018-02



PM2516-01





PM2515-04

