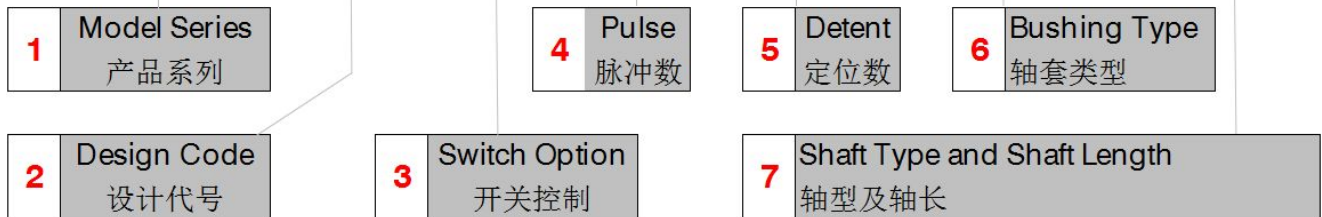


ED11 — 12 — S — 15P — 30LC — B5 — F15A7

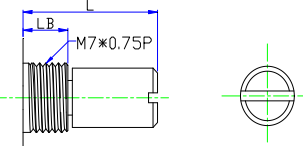


Ordering Information 订货说明		Code 代码			
1	Moder Series 产品系列	ED11			
2	Design Code 设计代号		See Note 1 (ED11 Series Dimensions) 附件 1 (ED11 系列产品图)		
3	Switch Option 开关控制	S	With Momentary Switch 带瞬时接触开关		
			No Switch 不带开关		
4	Pulse 脉冲数	15P	15 脉冲		
		20P	20 脉冲		
5	Detent 定位数	0	15 Pulse Without Detent 15 脉冲不带定位	Code 代码	Detent torque 定位扭矩
		30	15 Pulse With 30 Detent 15 脉冲带 30 定位		
		0	20 Pulse Without Detent 20 脉冲不带定位	LC	50±20gf.cm
		20	20 Pulse With 20 Detent 20 脉冲带 20 定位	HC	90±20gf.cm
6	Bushing Type 轴套类型	M7B5	M7 Threaded Bushing, Bushing Length 5mm / 7mm / 10mm M7 螺纹, 轴套长度可选 5mm / 7mm / 10mm		
		M7B7			
		M7B10			
		B5	Φ7 Plain Bushing, Bushing Length 5mm Φ7 无螺纹, 轴套长度 5mm		
		B7	Φ7 Plain Bushing, Bushing Length 7mm Φ7 无螺纹, 轴套长度 7mm		
7	Shaft Type and Shaft Length 轴型及轴长		See Note 2 附表 2		

## Note 2: Shaft Type and Shaft Length 轴型及轴长

F 轴		成品长	F10	F11	F12	F13	F15	F18	F20	F25	F30
		LB	5	5	5	5	5	5	7	7	7
		L	10	11	12	13	15	18	20	25	30
		F	4	5	5	5	7	10	10	12	12

Y 轴		成品长	Y10	Y11	Y12	Y13	Y15	Y18	Y20	Y25	Y30
		LB	5	5	5	5	5	5	7	7	7
		L	10	11	12	13	15	18	20	25	30
		A	4	4	5	5	7	7	7	10	10
		S	3.5	4	5.5	5.5	8	8	8	11	11
		B	5	6	7	6	9	9	9	12	12

R 轴		成品长	R10	R11	R12	R13	R15	R18	R20	R25	R30
		LB	5	5	5	5	5	5	7	7	7
		L	10	11	12	13	15	18	20	25	30

## MECHANICAL SPECIFICATION 机械性能

Operating Temperature 工作温度	-20°C ~ +70°C
Shaft Rotation Force 操作力矩	20gf.cm ~ 200gf.cm
Soldering Heat 焊接温度	260°C, 3~5sec
Push-pull Strength 轴推拉强度	10 Kgf.cm
Total Rotation Angle 全回转角度	360°

## ELECTRICAL SPECIFICATION 电气性能

Power Rating 额定功率	DC5V 0.5mA(Each Bit)
Output Signals 输出信号	15pulses/20pulses, 360°
Locate Point 定位点	30detent points/20detent points, 360°
Phase-Difference $\Delta T$ 相位差	0.08T Min.(Measurement shall be made under the condition which the shaft is rotated in 360°/S)
Insulation resistance 绝缘电阻	More than 100M $\Omega$ (AT 50V DC)
Contact resistance 接触电阻	1 $\Omega$ Max
Withstand Voltage 耐电压	For 1 minute at 100V AC
Rotational life 回转寿命	100, 000 cycles

## PUSH-ON SWITCH SPECIFICATION 推动开关

Switch Travel 开关工作行程	0.5±0.3mm Or 1.5±0.3mm
Switch Operating Force 开关作动力	610±306gf.cm
Switch Power Rating 开关额定功率	DC 12V 10mA
Switch Contact Resistance 开关接触阻抗	3 $\Omega$ Max
Switch Life 开关寿命	20,000 Cycles

## Note 1 :ED11 Series Dimensions

<p>ED1112S-□P-□C-M7B-□</p>			<p>Mounting hole details DIMENSIONS: MM (INCHES)</p>
<p>ED1122S-□P-□C-M7B-□</p>			<p>Mounting hole details DIMENSIONS: MM (INCHES)</p>
<p>ED1115S-□P-□C-M7B-□</p>			<p>Mounting hole details DIMENSIONS: MM (INCHES)</p>
<p>ED1112S-SMT-□P-□C-M7B-□</p>			<p>Mounting hole details DIMENSIONS: MM (INCHES)</p>

## Note 1 :ED11 Series Dimensions

