

RS16 — 12 — 43 — 16HC — M9B5 — F15A7

1 Model Series
产品系列

4 Detent
定位

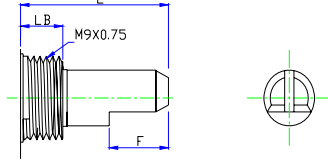
6 Shaft Type and Shaft Length
轴型及轴长

2 Design Code
设计代号

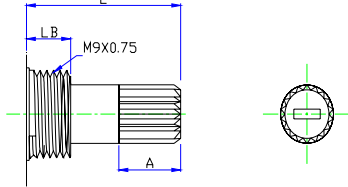
3 Pulse
脉冲

5 Bushing Type
轴套类型

Ordering Information 订货说明		Code 代码	Explanation 说明	
1	Moder Series 产品系列	RS16		
2	Design Code 设计代号		See Note 1 (RS16 Series Dimensions) 附件 1 (RS16 系列产品图)	
3	Pulse 脉冲	41	Three kinds of pulse code, representing different output signals. See Figure RS16 series. 3 种脉冲代码, 分别代表不同的输出信号。说见 RS16 系列产品图。	
		43		
		45		
4	Detent 定位数	16	Code 代码	
			Detent torque 定位扭矩	
			LC	50 ± 20gf.cm
			HC	90 ± 20gf.cm
5	Bushing Type 轴套类型	M9B5	M9 Threaded Bushing, Bushing Length 5mm / 7mm M9 螺纹, 轴套长度可选 5mm / 7mm	
		M9B7		
		B2	Diameter of 9mm. No thread, sleeve length is 2mm. 直径 9mm. 无螺纹, 轴套长度为 2mm.	
6	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	F12.5	F15	F20	F25	F30
LB	2	5	7	7	7
L	F12.5	15	20	25	30
F	9.5	7	12	12	12

Y 轴


成品长	Y15	Y20	Y25	Y30
LB	5	7	7	7
L	15	20	25	30
A	7	7	10	10

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	5 Kgf.cm
Total Rotation Angle 全回转角度	360°

ELECTRICAL SPECIFICATION 电气性能

Power Rating 额定功率	DC5V 10mA(Each Bit)
Output Signals 输出信号	41/43/45 See Figure RS16 series
Locate Point 定位点	16detent points/ 360°
Insulation resistance 绝缘电阻	More than 100MΩ (AT 50V DC)
Contact resistance 接触电阻	1Ω Max
Withstand Voltage 耐电压	For 1 minute at 100V AC
Rotational life 回转寿命	30,000 cycles

PUSH-ON SWITCH SPECIFICATION 推动开关

Switch Travel 开关工作行程	0.5±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	3Ω Max
Switch Life 开关寿命	20,000 Cycles

Note 1 : RS16 Series Dimensions

<p>RS1612S-□-□C-M9B□-□□</p>	<p>1 CHANNEL 2 CHANNEL 3 CHANNEL 4 CHANNEL COM COMMON</p> <p>Mounting hole details DIMENSIONS: MM (INCHES)</p>
<p>RS1615S-□-□C-M9B□-□□</p>	<p>1 CHANNEL 2 CHANNEL 3 CHANNEL 4 CHANNEL COM COMMON</p> <p>Mounting hole details DIMENSIONS: MM (INCHES)</p>
<p>RS1612-□-□C-M9B□-□□</p>	<p>1 CHANNEL 2 CHANNEL 3 CHANNEL 4 CHANNEL COM COMMON</p> <p>Mounting hole details DIMENSIONS: MM (INCHES)</p>
<p>RS1615S-□-□C-M9B□-□□</p>	<p>1 CHANNEL 2 CHANNEL 3 CHANNEL 4 CHANNEL COM COMMON</p> <p>Mounting hole details DIMENSIONS: MM (INCHES)</p>
<p>RS1614-□-□C-B2-□□</p>	<p>Mounting hole details DIMENSIONS: MM (INCHES)</p>