



广州市番禺宝联实业有限公司

Bao-Lian Industry Co.,Ltd

规格书 Specification

品 名 Product: 新凸型豪华即插
28mm Round Convexity Push Button (Plug-in Style)

版 本 Revision: 1.0

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28mm Round Convexity Push Button (Plug-in Style)

型号 Ordering Information

颜色 Color	种类 Type		产品号
	有响片 with click	无响声片 No click	Product ID
红色 Red	√		10103010
黄色 Yellow	√		10103011
蓝色 Blue	√		10103012
绿色 Green	√		10103013

规格 Ratings(Microswitch)

开关部限定 Contact ratings
DC'12V 10mA (最佳电阻负载 Best resistive load)

额定值是以下列条件进行实验的情况 Rated values are obtained from tests conducted under the below conditions:

- 1. 负载 Load: 电阻负载 Resistive load
- 2. 安装状态 Setup conditions: 无震动、无冲击状态 No vibration and shock
- 3. 温度 Temperature: 室温 Room temperature
- 4. 操作频率 Operating frequency: 300 次 times/min

动作特性 Operating Characteristics

项目 Feature	规格 Spec.	单位 Unit
动作力道 Operating force	0.9±0.3	N
动作前移动 Pre travel	1.3±0.5	mm
整体移动 Total travel	3.1±0.3	mm





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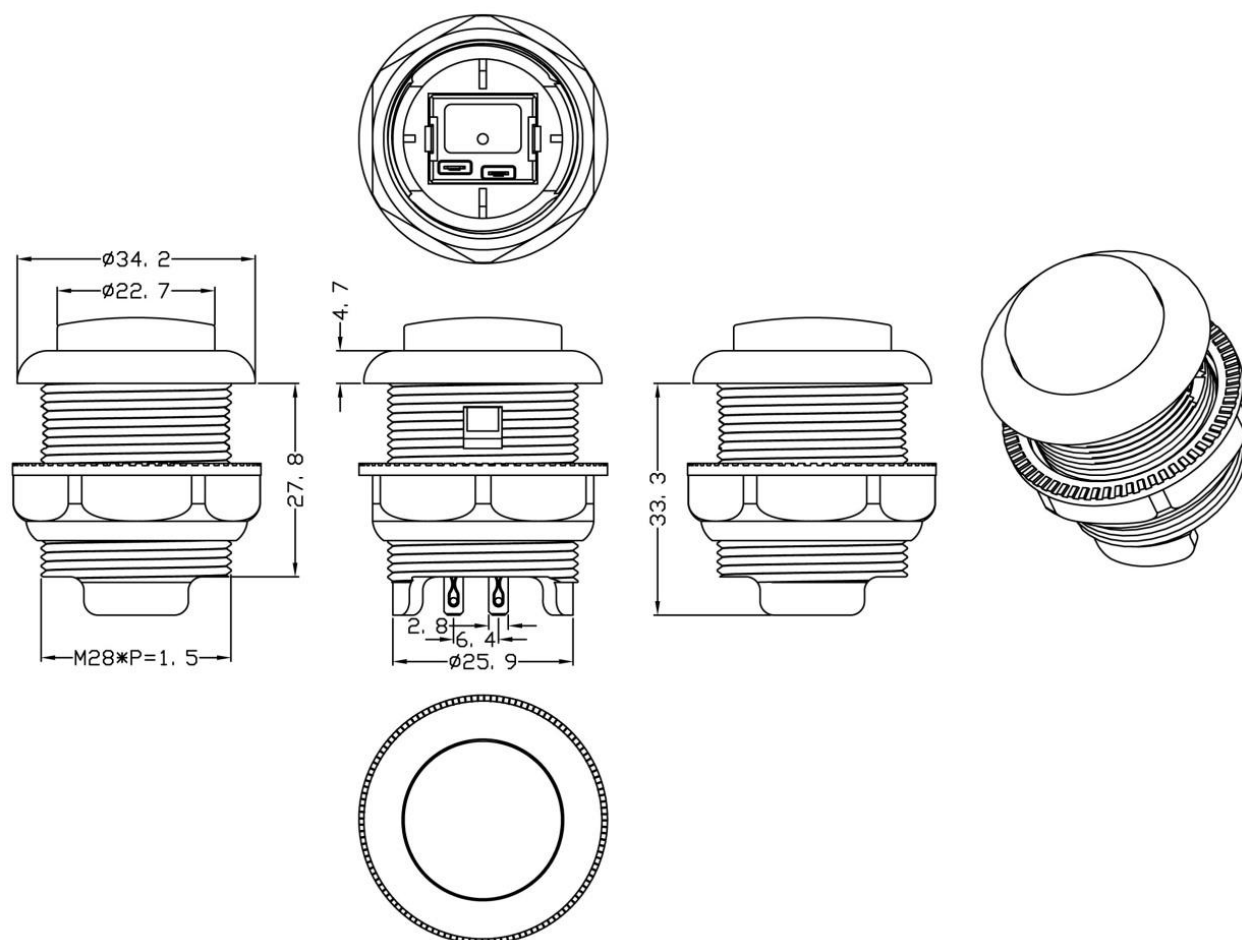
性能 Characteristics(Microswitch)

种类(Type)		按钮开关(Switch)
容许操作频率 Allowable operating freq.	机械性 Mechanical	120 次 operations/min
	电气性 Electrical	120 次 operations/min
绝缘抗阻 Insulation resistance		50MΩ min (at 250VDC).
接触电阻 Contact resistance		≤400mΩ (≤100 mΩ initial)
耐电压 Dielectric strength	同极端子间 Between terminals of same polarity	≤AC110V /60Hz 1min
	异极端子间 Between terminals of different polarity	≤AC110V /60Hz 1min
	各端子与接地间 Between each terminal and ground	≤AC110V /60Hz 1min
耐久性 Durability	机械性 Mechanical	250 万次以上 Over 2,500,000 operations
	电气性 Electrical	10 万次以上 Over 100,000 operations
重量 Weight		13.12 ± 1g
使用环境温度 Operating temperature		-10~+55℃ (不可结冰、结霜 No icing and condensation)
使用环境湿度 Operating humidity		30~80±3%RH
保存环境温度 Storage temperature		-20~+55℃ (不可结冰、结霜 No icing and condensation)
保存环境湿度 Storage humidity		30~80±3%RH
适用设备 Applied equipment		游戏机设备专用 Gaming machine use only



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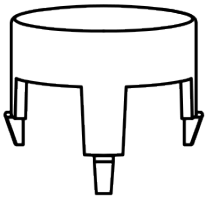
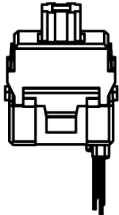
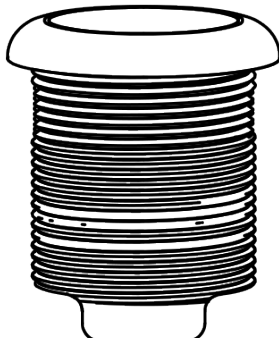
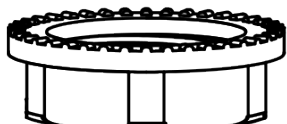
外观尺寸 Dimensions





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产品组装图 Assembly

(1)  (2)  (3)  (4) 	组装零件列表 Parts list: (1) 2011200X *1 (2) 2010005X *1 (3) 2010300X *1 (4) 20100080 *1
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关于安装面板 Installation

- 面板开孔请参照以上尺寸图。Please set the panel pitch dimension according to the drawing above.

使用须知 Usage guide

- 不论在任何情形下都请勿分解、改造本产品，否则可能影响正常动作。In any circumstances, do not decompose, and modify the product, otherwise it may affect the normal operation.
- 制品功能可能无法充分发挥。请勿摔落产品。此外，请勿对产品施加可能让产品变形、变质的力道。The product features may not fully function. Do not drop the product. In addition, the product can be damaged if an unusual force is applied.
- 按钮的耐久性依按钮的使用情况而有相当大的差异。使用时请务必以实际使用条件进行实机确认，在无性能上问题之按钮次数内使用。The durability of the push button may be different in different usage conditions. Please ensure the button is used in normal operating conditions.
- 请使用额定值以下之负载电压电流。否则可能影响性能且造成破损、烧毁。Please use the button within normal load voltage and current ratings. Otherwise it may affect the performance and cause damage and burning.
- 请勿于易燃易爆气体等环境下、及存在易燃性溶剂的场所中使用。伴随开关而来的电弧或开关发热等可能成为起火或爆炸的原因。Please do not be used the button in any flammable and explosive gas environment. The electric arc or heat produced by the push button may cause fire or explosion.
- 请勿于腐蚀性气体或高温多湿环境下使用。可能造成接点接触故障或是因腐蚀而破损等的功能故障。Do not use the button in corrosive gas, high temperature and humidity environment. It may cause contact failure or damage to the button.
- 请勿在油中、水中使用，并请勿用于经常有水或油泼溅的环境。水或油侵入内部将会造成故障。Do not use the button under oil, water and any water or oil spilling environment. Water or oil will damage the button.
- 请勿在以下环境使用及保管本产品 Do not use or store the product in the following conditions:
 - 温度变化剧烈的场所 Places where the temperature changes rapidly.
 - 湿度高而有可能结露的场所 Places that is in high humidity and condensation condition.
 - 震动剧烈的场所 Sharp vibration places.
 - 阳光直射的场所 Places that is exposed to direct sunlight.

关于使用环境 Usage environment

- 此按钮为室内规格。若在户外使用，可能会造成开关故障。This product is only for indoor usage. Outdoor usage can damage the product.
- 在有微粉尘、泥状、异物堆积的地点，及有油、水飞散的地点等使用时，请特别小心，使用前请先以实际使用条件评估后，在无问题的条件下使用。Do not set the product in locations where powders, mud, or any other substances may be piled, or subject to any splashes of oil or water. Always test the product under actual usage conditions before application.