



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

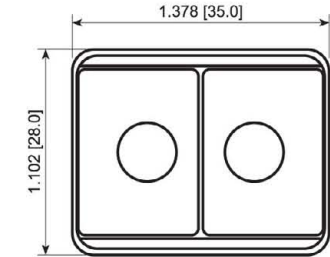
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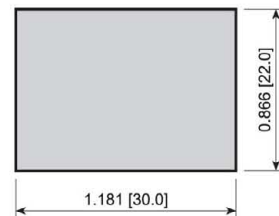
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



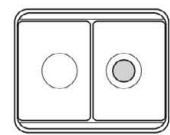
PB2 Series



Suggested Panel Cutout

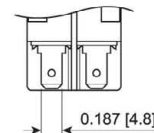


Illumination Options



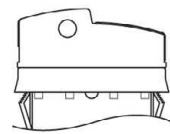
Round Lens

Terminal Options



4.8mm Tab

Safety Lock Option



Safety Lock

FEATURES:

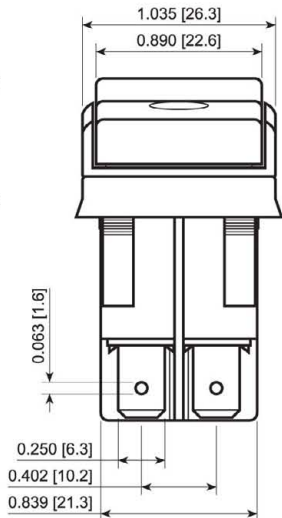
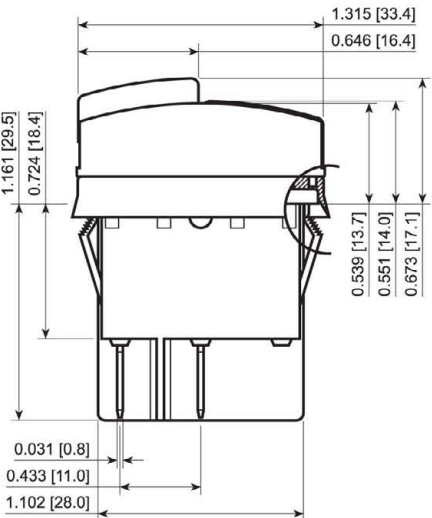
- Popular 22mm x 30mm Cutout
- High Power Ratings
- Internal O-rings for Water Resistance
- Illumination Options

SPECIFICATIONS:

**RATING:** 20A 125VAC [cURus UL508]  
12A 250VAC [cURus UL508]  
*European Approvals Pending*  
**TEMPERATURE:** -20°C to 85°C  
**ELECTRICAL LIFE:** 10,000 Cycles  
**CONTACT RESISTANCE:** 50mΩ Max.  
**INSULATION RESISTANCE:** 5MΩ Min. at 500VDC  
**DIELECTRIC STRENGTH:** 1,500VAC for 1 Minute  
**INGRESS PROTECTION:** IP54

MATERIALS:

**Body:** Polyamide 6/6  
**BEZEL:** Polyamide 6/6  
**ACTUATOR:** Polyamide 6/6  
**Lens:** Polycarbonate  
**GASKET:** Polyvinyl Chloride  
**CONTACTS:** Silver Plated Copper  
**TERMINALS:** Silver Plated Brass  
**O-Ring:** Silicone



PB242D1100

Series	Terminal	Function	Rating	Body Color	Actuator Color	Marking Color	Marking Type	Lens Style	Lens Color	Lamp Voltage
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PB2 - Std. Version PB2L - Safety Lock	1 - 4.8mm Tab 4 - 6.3mm Tab	1 Pole: 1 - Off-On 3 - On-On  2 Pole: 2 - Off-On G - On-On	D - 20A 125VAC 12A 250VAC	1 - Black 2 - White	1 - Black 2 - White A - Red/Green	0 - None 1 - Black 2 - White	0 - None 1 - I/O Vert. 3 - ON/OFF Vert. R - I/O Horiz.	2 - Round	0 - Clear 1 - Red 2 - Amber 3 - Green 4 - Blue	3 - 6V 4 - 12V 5 - 24V 6 - 125V 7 - 250V

Custom Colors and Markings Available Upon Request For Illuminated Switches Only

EXAMPLE PART NUMBERS:

PB242D1100 2P Off-On  
Black Body/Actuator, No Marking



E-SWITCH®

www.e-switch.com 800.867.2717

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

PUSHBUTTON