



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

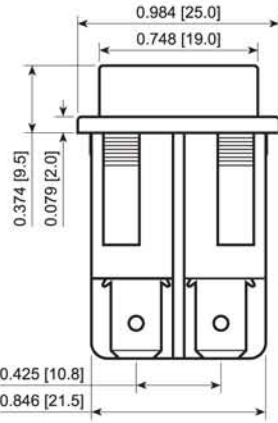
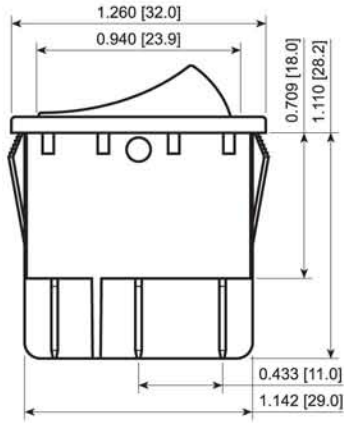
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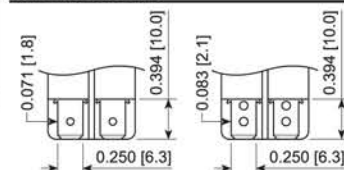
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



RB2 Series

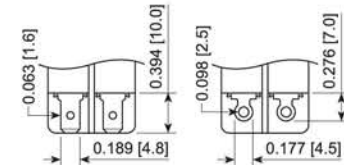


Terminal Options



6.3mm Tab (Small Hole)

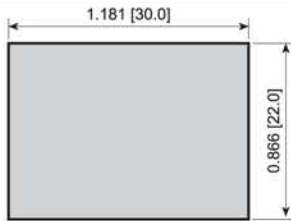
6.3mm Tab (Large Hole)



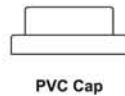
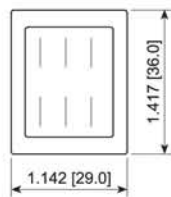
4.8mm Tab

Solder

Panel Cutout



Water Protection Options

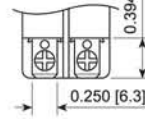


PVC Cap

Actuator Options

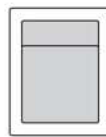


Flat

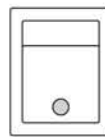


Screw

Illumination Options



Full



Round Lens

FEATURES:

- High Quality and Reliable Switch
- Industry Standard 22mm x 30mm Cutout
- Illuminated and Signal Light Versions
- Multiple Terminal and Actuator Options
- PVC Cap for Dust and Water Protection

SPECIFICATIONS:

RATING: RATING OPTION C:
 16A 125VAC T85 [cURus]
 8A 250VAC T85 [cURus]
 16(4)A 250V~ 1E4 T125/55 [ENEC]

RATING OPTION D (2 Pos. FUNCTIONS):
 20A 125VAC T65 [cURus]
 1/4HP 125VAC T65 [cURus]
 3/4HP 250VAC T65 [cURus]
 16(8)A 250V~ 1E4 T125 [ENEC]
 10(2)A 250V~ 5E4 [ENEC]
 16(4)A 250V~ 1E4 T85/55 [ENEC]

RATING OPTION E (3 Pos. FUNCTIONS):
 16A 125VAC T65 [cURus]
 16A 250VAC T65 [cURus]
 European Rating Pending

TEMPERATURE: -20°C to 65°C Min.
ELECTRICAL LIFE: 10,000 Cycles
CONTACT RESISTANCE: 35mΩ Max. at 50VAC
INSULATION RESISTANCE: 100MΩ Min. at 500VAC
DIELECTRIC STRENGTH: 1,500VAC for 1 Minute
INGRESS PROTECTION: IP54 with PVC Cap

MATERIALS:

Body: Polyamide 6/6, UL94 V-2
ACTUATOR: Polyamide 6/6, UL94 V-2
 Polycarbonate, UL94 V-2
CONTACTS: Silver Plated Copper



RB242D1021-116

RB242D1123

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

Series	Terminal	Function	Rating	Body Color	Actuator Color	Marking Color	Marking Type	Lens Style	Lens Color	Lamp Voltage
RB2 - Curved	1 - 4.8mm Tab	1 Pole:	C - 16A 125V	1 - Black	0 - Full Illum	0 - None	0 - None	1 - Full	0 - Clear	3 - 6V
RB2F - Flat	4 - 6.3mm Tab (Small Hole)	1 - Off-On	D - 20A 125V	2 - White	1 - Black	1 - Black	1 - I/O Vert.	2 - Round (*)	1 - Red	4 - 12V
	5 - Solder	3 - On-On	E - 16A 125V	3 - Almond	2 - White	2 - White	2 - ON/OFF/ON Vert.		2 - Amber	5 - 24V
	6 - Screw	5 - On-Off-On		4 - Grey	3 - Almond	3 - Almond	3 - ON/OFF Vert.		3 - Green	6 - 125V
	B - 6.3mm Tab (Large Hole)	C - On-Off-(On)		9 - Red	4 - Grey	4 - Grey	4 - ON/OFF Horiz.		4 - Blue	7 - 250V
		D - (On)-Off-(On)			5 - Orange	5 - Orange	5 - I/O/II Horiz.			
		2 Pole:			7 - Blue	7 - Blue	7 - I/O/III Vert.			
		2 - Off-On			8 - Green	8 - Green	8 - I/O/IV Horiz.			
		G - On-On			9 - Red	9 - Red	9 - I/O/V Horiz.			
		E - Off-(On)					R - I/O Horiz.			
		H - On-(On)								
		6 - On-Off-On								
		J - On-Off-(On)								
		K - (On)-Off-(On)								

Note:
 * = Option Available with "C" Rating Only

Custom Colors and Markings Available Upon Request For Illuminated Switches Only

EXAMPLE PART NUMBERS:

RB242D1100	2P Off-On
Black Body/Actuator, No Marking	
RB242D1121	2P Off-On
Black Body/Actuator, I/O Vert.	
RB242D1921	2P Off-On
Black Body, Red Actuator, I/O Vert.	
RB24KE1100	2P (On)-Off-(On)
Black Body/Actuator, No Marking	



E-SWITCH®

ROCKER