



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

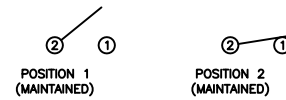
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## SCHEMATIC



## SPECIFICATIONS

FUNCTION:  
1P1T OFF-ON

RATINGS:  
ANSI/UL 1054 and CAN/CSA C22.2 No. 55 (E194579):  
20A 125VAC [cURus]  
16A 250VAC [cURus]  
3/4HP 125/250VAC [cURus]

CAN/CSA C22.2 No. 55 (233821):  
16A 125/250VAC [CSA]  
1/4HP 125/250VAC [CSA]

EN 61058-1:2002 and DIN/VDE 0630:2003-03 (40017440):  
16(4)A 250V~ 1E4  $\mu$  T85/55 [ENEC10, VDE]  
10(2)A 250V~ 5E4  $\mu$  T85/55 [ENEC10, VDE]  
20(8)A 250V~ 1E4  $\mu$  T125/55 [ENEC10, VDE]

CONTACT RESISTANCE:  
Initial: 20m $\Omega$  Max.

INSULATION RESISTANCE:  
100M $\Omega$  Min. at 500VDC

DIELECTRIC STRENGTH:  
1,000VAC for 1 Minute

ELECTRICAL LIFE:  
6,000 Cycles [cURus, CSA]  
10,000 Cycles [ENEC10, VDE: 16(4)A 250V~]  
50,000 Cycles [ENEC10, VDE: 10(2)A 250V~]

TEMPERATURE:  
Operating: -20°C to 105°C [cURus, CSA]  
Operating: -20°C to 85°C [ENEC10, VDE: 16(4)A 250V~]  
Operating: -20°C to 125°C [ENEC10, VDE: 20(8)A 250V~]

## APPROVALS:



## COLORS AND MARKINGS

BODY:  
White

ACTUATOR:  
White/Red

MARKINGS:  
O/I Vertical, Reversed (Z24)

MARKING COLOR:  
Red

## MATERIALS

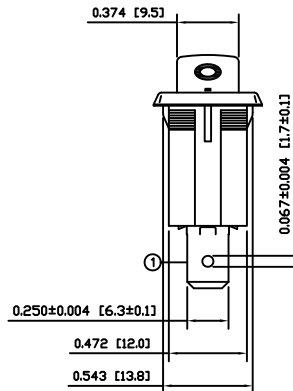
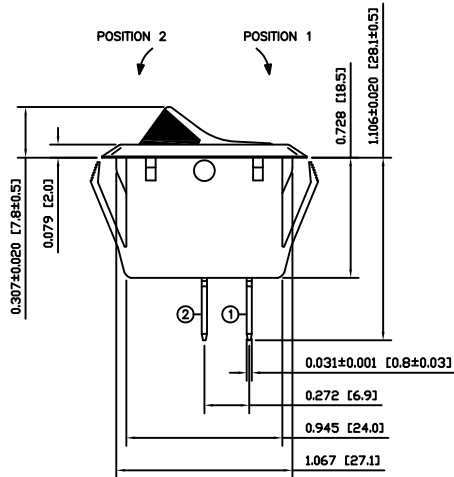
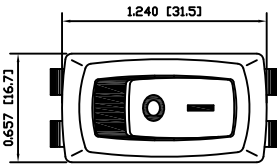
BODY:  
Polyamide 6/6 (PA66), UL94 V-2

ACTUATOR:  
Polyamide 6/6 (PA66), UL94 V-2

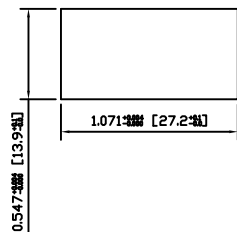
SPRING:  
Steel

CONTACTS:  
Silver Plated Copper

TERMINALS:  
Silver Plated Copper  
Silver Plated Brass



## SUGGESTED PANEL CUTOUT



ACTUATOR	A	10/05/03	CAB
BODY	B	10/05/10	CAB
COLORS	A	10/05/03	CAB
MATERIALS	A	08/08/13	CAB
SPECIFICATIONS	B	10/01/27	CAB
REFERENCE	REV.	DATE	BY

THE INFORMATION CONTAINED IN THIS DOCUMENT IS PROPRIETARY TO E-SWITCH AND IS NOT TO BE COPIED OR TRANSFERRED

B	IMPROVED UL TEMPERATURE RATING TO 105°C	19855	11/02/04	CAB
A	INITIAL RELEASE	19046	10/05/03	CAB
REV.	DESCRIPTION	PCR	DATE	DRAWN BY

DIMENSIONS	INCHES [MILLIMETERS]
GENERAL TOLERANCES	±0.008 [±0.2] / ±1°
SCALE	DRAWING NOT TO SCALE

RSC341D2C8Z24	
ITEM NUMBER	14-RSC341D2C8Z24
DATE	FEBRUARY 4, 2011
REVISION	B