



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

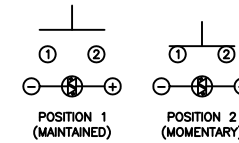
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

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



**SCHEMATIC**



**SPECIFICATIONS**

**FUNCTION:**  
1P1T OFF-(ON)

**RATING:**  
2A 48VDC

**ILLUMINATION VOLTAGE:**  
1.8V 20mA

**CONTACT RESISTANCE:**  
Initial: 50mΩ Max. at 1A 12VDC

**INSULATION RESISTANCE:**  
1,000MΩ Min. at 500VDC

**DIELECTRIC STRENGTH:**  
2,000VAC Min. for 1 Minute

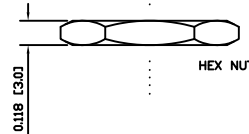
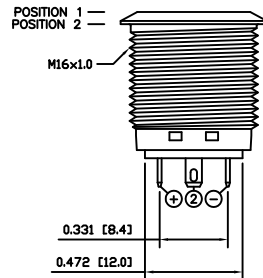
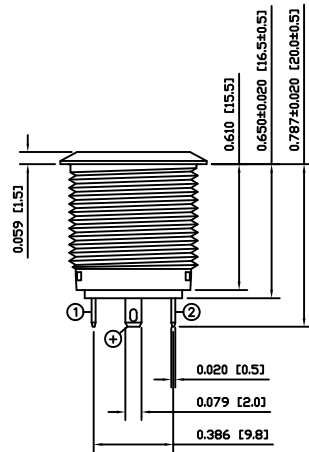
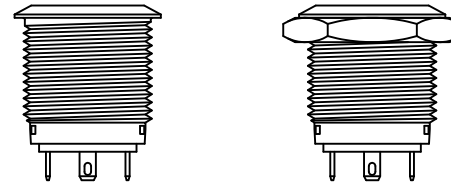
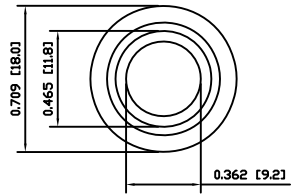
**ELECTRICAL LIFE:**  
200,000 Cycles

**MECHANICAL LIFE:**  
1,000,000 Cycles

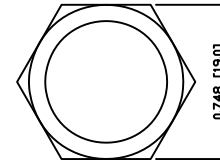
**INGRESS PROTECTION:**  
IP65

**TEMPERATURE:**  
Operating: -20°C to 70°C

**APPROVALS:**  
**RoHS**  
COMPLIANT



**EXPLODED VIEW**



**ASSEMBLED VIEW**

**COLORS AND FINISH**

**BODY:**  
Black Delrin  
Machine Finish

**ACTUATOR:**  
Black Delrin  
Machine Finish

**ILLUMINATION:**  
Red (Forward)  
Red (Reverse)

**MATERIALS**

**BUSHING:**  
Polyoxymethylene (POM) (Delrin)

**BASE:**  
Polybutylene Terephthalate (PBT), UL94 V-2

**ACTUATOR:**  
Polyoxymethylene (POM) (Delrin)  
Polycarbonate (PC)

**HARDWARE:**  
Nickel Plated Brass (H59)

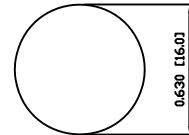
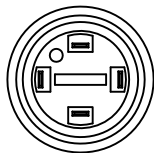
**SEALING:**  
Silicone Rubber

**SPRING:**  
Stainless Steel (304)

**CONTACTS:**  
Silver Alloy Plated Copper (AgCdO)

**TERMINALS:**  
Brass (H62)

**SUGGESTED PANEL CUTOUT**



MAXIMUM PANEL THICKNESS: 0.315 [8.0mm]

BODY	A	09/11/4	CAB
COLORS	A	09/06/03	CAB
MATERIALS	A	09/11/10	CAB
SPECIFICATIONS	A	09/06/03	CAB
REFERENCE	REV.	DATE	BY

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A	INITIAL RELEASE	PCRD0194	09/11/10	CAB
REV.	DESCRIPTION	PCR	DATE	DRAWN BY

DIMENSIONS	
INCHES [MILLIMETERS]	
GENERAL TOLERANCES	
±0.008 [±0.2] / ±1'	
SCALE	PROJECTION
DRAWING NOT TO SCALE	1st Angle

PV6F240DD-311-R		
DRAWING NUMBER	DATE	REVISION
52-PV6F20DD311R	NOVEMBER 10, 2009	B