



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!



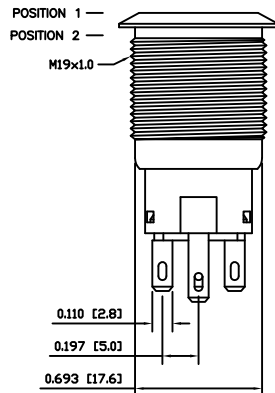
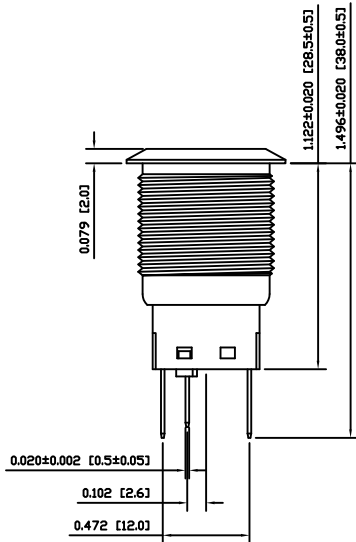
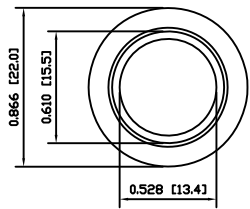
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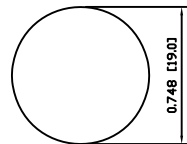
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Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



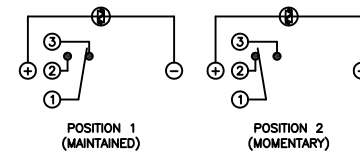


SUGGESTED PANEL CUTOUT



MAXIMUM PANEL THICKNESS: 0.433 [11.0mm]

SCHEMATIC



SPECIFICATIONS

FUNCTION:
1P2T ON-(ON)

RATING:
2A 48VDC

ILLUMINATION VOLTAGE:
2.8V 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:
50,000 Cycles

MECHANICAL LIFE:
1,000,000 Cycles

TEMPERATURE:
Operating: -20°C to 70°C

INGRESS PROTECTION:
IP65

APPROVALS:
RoHS
COMPLIANT

MATERIALS

BUSHING:
Stainless Steel (304)

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

ACTUATOR:
Stainless Steel (304)
Polycarbonate (PC), UL94 V-2

HARDWARE:
Nickel Plated Brass (H59)

SEALING:
Silicone
Stainless Steel (304)

INNER ASSEMBLY:
Polyoxymethylene (POM), UL94 V-2
Polycarbonate (PC), UL94 V-2
Brass (H59)

SPRING:
Steel (Cr18Ni9)

CONTACTS:
Silver Plated Copper

TERMINALS:
Silver Plated Brass (H59)

O-RING:
Nitrile Butadiene Rubber (NBR)

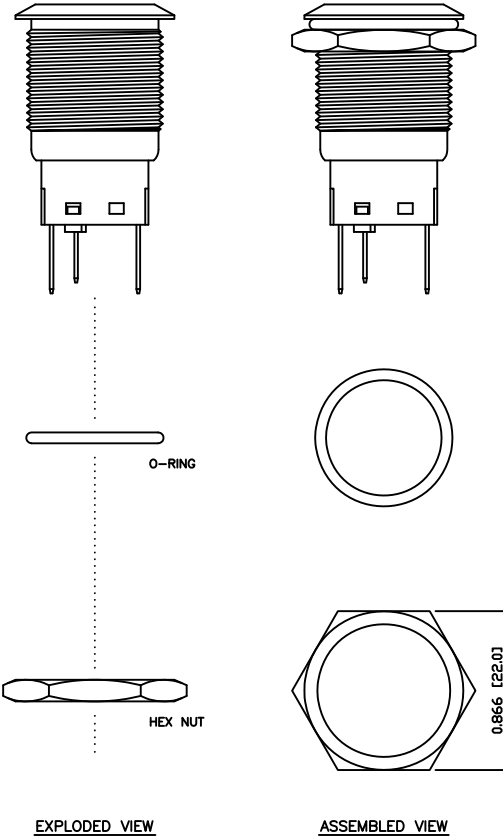
COLORS AND FINISH

BEZEL:
Stainless Steel
Machine Finish

ACTUATOR:
Stainless Steel
Machine Finish

ILLUMINATION:
Green (Forward)
Green (Reverse)

MARKING:
None



BODY	A	09/07/24	CAB
COLORS	A	09/07/24	CAB
MATERIALS	B	09/10/16	CAB
SPECIFICATIONS	A	09/07/27	CAB
REFERENCE	REV.	DATE	BY

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A	INITIAL RELEASE	PCRO00170	09/10/21	CAB
REV.	DESCRIPTION	PCR	DATE	DRAWN BY

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

PV4F2B0SS-331		
DRAWING NUMBER	DATE	REVISION
52-PV4F2B0SS331	OCTOBER 21, 2009	A