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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	2	REVISE TOLERANCE	18APR2018	JS	AS

SOLDER TO WIRE LUGS AND LED LEADS  
OFF-(ON)

LED COLOR: SEE TABLE

CAP COLOR: SEE TABLE

Ø17.50  
[.689]

Ø12.00  
[.472]

2.0  
[.08]

1.20  
[.047]

5.00  
[.197]

15.10  
[.595]

3.40  
[.134]

0.40  
[.016]

0.50  
[.020]

2.80  
[.110]

5.00  
[.197]

7.30  
[.287]

0.20  
[.008]

0.40  
[.016]

5.08  
[.200]

12.90<sup>+0.05</sup><sub>-0.03</sub>  
[.508<sup>+</sup><sub>-.001</sub>]

Ø13.60<sup>+0.00</sup><sub>-0.10</sub>  
[.535<sup>+</sup><sub>-.004</sub>]

PIN1

LED-

LED+

FLAT

PIN2

PANEL CUT-OUT  
THICKNESS: 1.5mm~4.0mm  
[.059~.157]

M12x0.75

EPOXY

LED+

Model No.	POS.1	POS.2
PB6	OFF	MOM(ON)
CONNECTED TERMINALS	OPEN	CLOSE
SCHEMATIC		

SWITCH FUNCTION

SPECIFICATIONS:

MAXIMUM CURRENT/VOLTAGE RATING WITH RESISTIVE LOAD:  
400mA 32VAC, 200mA 50VDC, 125mA 125VAC

INITIAL CONTACT RESISTANCE: 50mΩ MAXIMUM

INSULATION RESISTANCE: 1 GΩ MINIMUM AT 500 VDC

DIELECTRIC STRENGTH: 1,500 VAC RMS

CONTACT BOUNCE: 10ms

ELECTRICAL LIFE AT FULL LOAD: 500,000 CYCLES

MECHANICAL LIFE: 1,000,000 CYCLES

TOTAL TRAVEL: 1.5 (.059)

ACTUATION FORCE: 3 TO 6N

OPERATING TEMPERATURE: -30° TO 85° C

DEGREE OF PROTECTION: IP68, 1 HOUR @ 1 METER

TORQUE: 0.5N·m MAXIMUM APPLIED TO NUT

PACKAGING:

SWITCHES ARE PACKAGED IN TRAYS. HARDWARE IS NOT ASSEMBLED TO THE SWITCH.

COMPLIANCE:

ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003(ROHS)

SOLDER PROCESSING:

MANUAL SOLDERING: SOLDER IRON, 30 WATTS, CONTROLLED AT 350° C,  
APPROXIMATELY 5 SECONDS WHILE APPLYING SOLDER.

WAVE SOLDERING:

260+/-5° C, 5 SECONDS MAXIMUM DURATION, PCB THICKNESS 1.6MM

110°C MAXIMUM AMBIENT TEMPERATURE OF THE SOLDER SURFACE OF THE PC BOARD.

1. HARDWARE IS SHIPPED UNASSEMBLED.

MATERIALS:

CAP: POLYAMIDE 6/6

PLUNGER: POLYCARBONATE

RUBBER: SILICONE

BUSHING: POLYAMIDE 6/6

CASE: DIALLYL PHTHALATE (DAP) (UL94 V-0)

TERMINALS/CONTACTS: COPPER ALLOY, GOLD OVER SILVER PLATED

HEX NUT: BRASS, NICKEL PLATED (1)

LOCK WASHER: BRASS, NICKEL PLATED (1)

O-RING: SILICONE (1)

SPRING: STEEL

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DWN  
RAVL.S  
22FEB2018

CHK  
ALEXANDER SHARPE  
22FEB2018

APVD  
ALEXANDER SHARPE  
22FEB2018

DIMENSIONS:  
mm[INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±  
1 PLC ±0.4[.016]  
2 PLC ±0.25[.010]  
3 PLC ±  
4 PLC ±  
ANGLES ±5°  
FINISH

MATERIAL

-

-

PRODUCT SPEC

-

-

WEIGHT

-

CUSTOMER DRAWING

TE Connectivity

NAME  
SWITCH, PUSHBUTTON, FLAT CAP  
WITH LED, SOLDER TERMINATION,  
SEALED, OFF-(ON)

SIZE  
A200779

CAGE CODE  
C-2329387

DRAWING NO

RESTRICTED TO

SCALE  
2:1

SHEET  
1

OF  
2

REV  
2

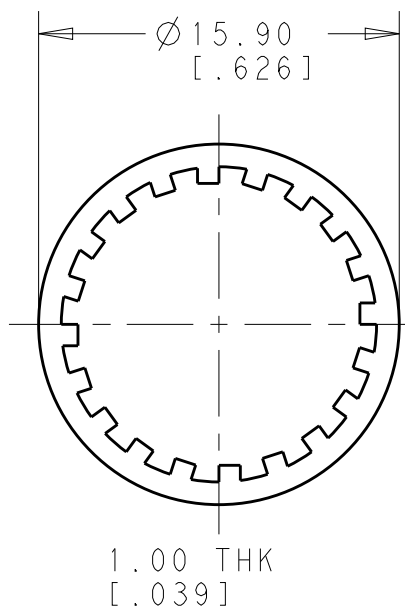
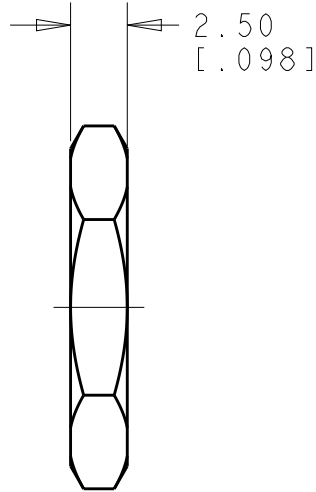
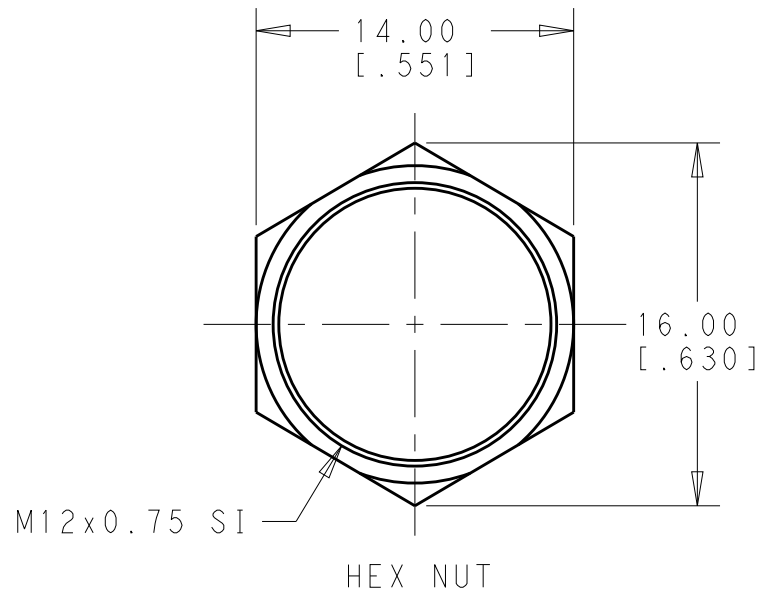
1471-9 (3/13)

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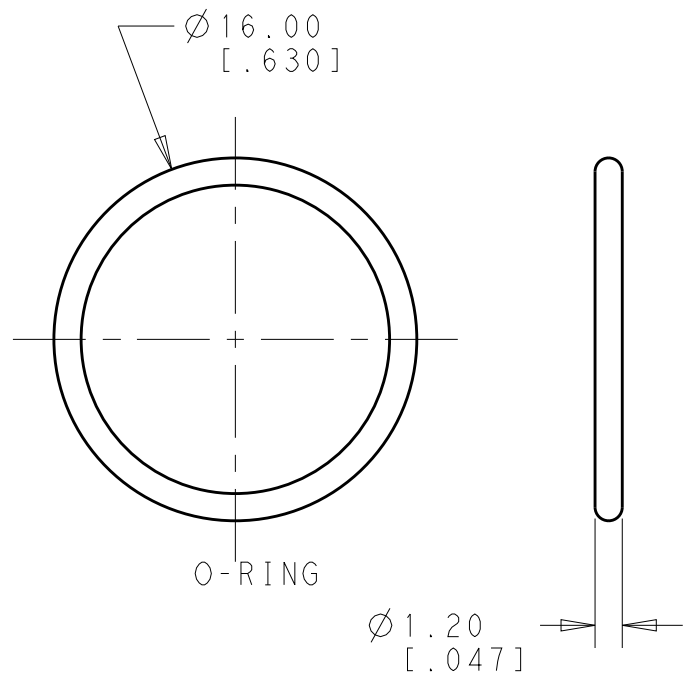
C

B

A



LOCK WASHER



SINGLE POLE	OFF-(ON) MOMENTARY	3.40 SOLDER LUGS AND LED LEADS	FLAT, MATTE BLUE	BLUE	PB6B2FM7M1CAL07	2-2329387-5
				GREEN	PB6B2FM7M1CAL06	2-2329387-4
				YELLOW	PB6B2FM7M1CAL05	2-2329387-3
				RED	PB6B2FM7M1CAL03	2-2329387-2
				WHITE	PB6B2FM7M1CAL01	2-2329387-1
			FLAT, MATTE GREEN	BLUE	PB6B2FM6M1CAL07	2-2329387-0
				GREEN	PB6B2FM6M1CAL06	1-2329387-9
				YELLOW	PB6B2FM6M1CAL05	1-2329387-8
				RED	PB6B2FM6M1CAL03	1-2329387-7
				WHITE	PB6B2FM6M1CAL01	1-2329387-6
			FLAT, MATTE YELLOW	BLUE	PB6B2FM5M1CAL07	1-2329387-5
				GREEN	PB6B2FM5M1CAL06	1-2329387-4
				YELLOW	PB6B2FM5M1CAL05	1-2329387-3
				RED	PB6B2FM5M1CAL03	1-2329387-2
				WHITE	PB6B2FM5M1CAL01	1-2329387-1
			FLAT, MATTE RED	BLUE	PB6B2FM3M1CAL07	1-2329387-0
				GREEN	PB6B2FM3M1CAL06	2329387-9
				YELLOW	PB6B2FM3M1CAL05	2329387-8
				RED	PB6B2FM3M1CAL03	2329387-7
				WHITE	PB6B2FM3M1CAL01	2329387-6
			FLAT, MATTE BLACK	BLUE	PB6B2FM2M1CAL07	2329387-5
				GREEN	PB6B2FM2M1CAL06	2329387-4
				YELLOW	PB6B2FM2M1CAL05	2329387-3
				RED	PB6B2FM2M1CAL03	2329387-2
				WHITE	PB6B2FM2M1CAL01	2329387-1
POLE	THROW	TERMINAL TYPE	CAP TYPE & COLOR	LED COLOR	TE DESCRIPTIVE PART NUMBER	PART NUMBER

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DIMENSIONS:  
mm[INCHES]

MATERIAL  
-  
-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±  
1 PLC ±0.4[.016]  
2 PLC ±0.25[.010]  
3 PLC ±  
4 PLC ±  
ANGLES ±5°  
FINISH -  
-

DWN 22FEB2018  
CHK 22FEB2018  
APVD 22FEB2018

RAVI.S  
ALEXANDER SHARPE  
ALEXANDER SHARPE

PRODUCT SPEC  
-  
APPLICATION SPEC  
-  
WEIGHT  
-

CUSTOMER DRAWING

TE Connectivity

NAME  
SWITCH, PUSHBUTTON, FLAT CAP  
WITH LED, SOLDER TERMINATION,  
SEALED, OFF-(ON)

SIZE  
A2

CAGE CODE  
00779

DRAWING NO  
C-2329387

RESTRICTED TO

SCALE 2:1  
SHEET 2 OF 2  
REV 2

1471-9 (3/13)

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

## TE Connectivity:

<a href="#"><u>PB6B2FM5M1CAL03</u></a>	<a href="#"><u>PB6B2FM2M1CAL03</u></a>	<a href="#"><u>PB6B2FM3M1CAL01</u></a>	<a href="#"><u>PB6B2FM2M1CAL07</u></a>	<a href="#"><u>PB6B2FM3M1CAL06</u></a>
<a href="#"><u>PB6B2FM3M1CAL03</u></a>	<a href="#"><u>PB6B2FM6M1CAL07</u></a>	<a href="#"><u>PB6B2FM7M1CAL01</u></a>	<a href="#"><u>PB6B2FM6M1CAL06</u></a>	<a href="#"><u>PB6B2FM7M1CAL07</u></a>
<a href="#"><u>PB6B2FM7M1CAL03</u></a>	<a href="#"><u>PB6B2FM6M1CAL01</u></a>	<a href="#"><u>PB6B2FM7M1CAL06</u></a>	<a href="#"><u>PB6B2FM6M1CAL03</u></a>	<a href="#"><u>PB6B2FM7M1CAL05</u></a>
<a href="#"><u>PB6B2FM6M1CAL05</u></a>	<a href="#"><u>PB6B2FM5M1CAL06</u></a>	<a href="#"><u>PB6B2FM2M1CAL05</u></a>	<a href="#"><u>PB6B2FM5M1CAL07</u></a>	<a href="#"><u>PB6B2FM2M1CAL01</u></a>
<a href="#"><u>PB6B2FM5M1CAL05</u></a>	<a href="#"><u>PB6B2FM3M1CAL07</u></a>	<a href="#"><u>PB6B2FM2M1CAL06</u></a>	<a href="#"><u>PB6B2FM3M1CAL05</u></a>	<a href="#"><u>PB6B2FM5M1CAL01</u></a>