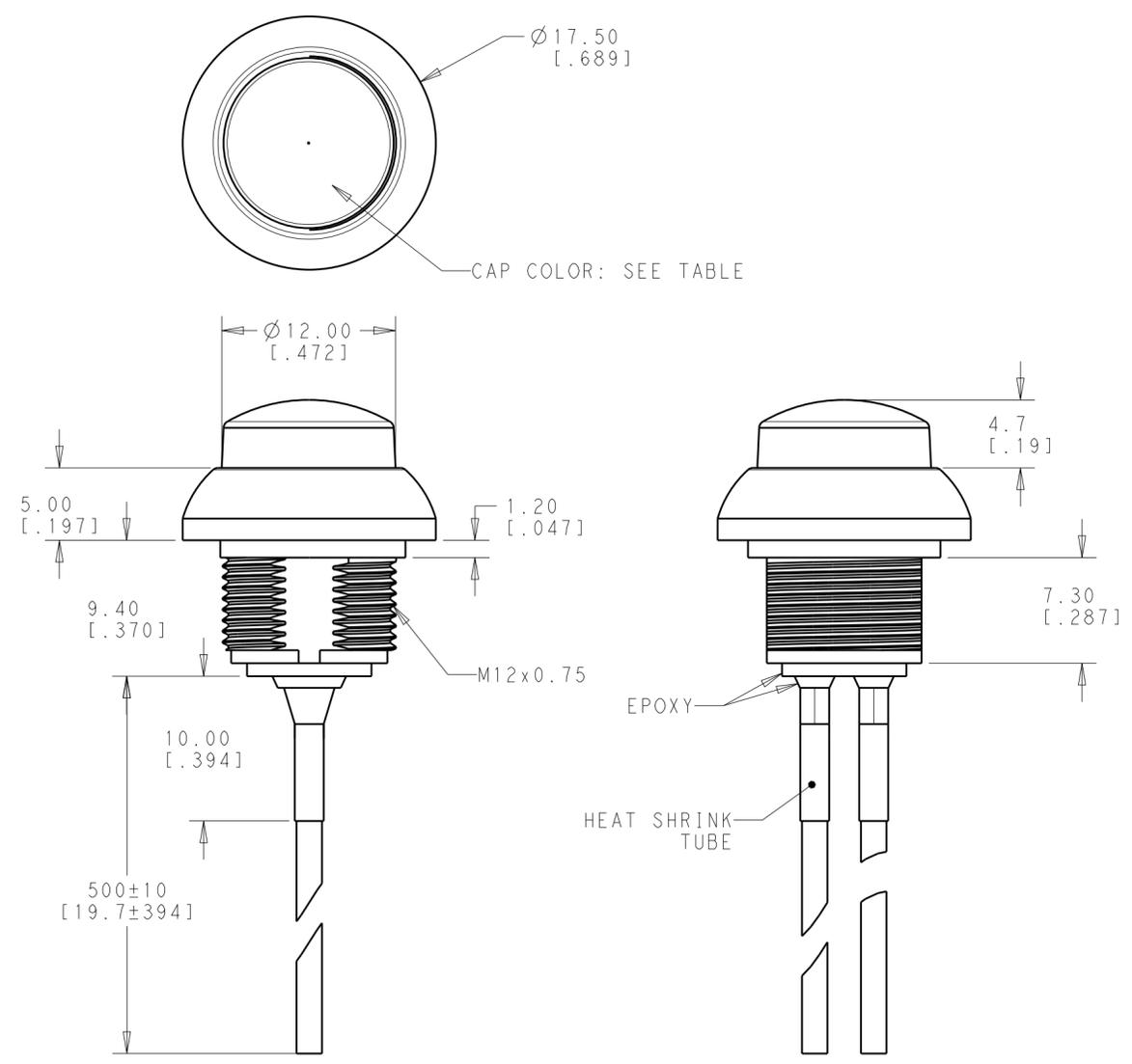


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### FLYING LEADS OFF-(ON)

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



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: 100mΩ MAXIMUM, RESISTANCE OF THE WIRE NOT INCLUDED.

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

**MATERIALS:**

CAP: POLYAMIDE 6/6  
 PLUNGER: POLYAMIDE 6/6 OR 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)  
 WIRE: UL 3385, 20 AWG, SECTION 0.6mm<sup>2</sup>  
 SPRING: STEEL  
 HEAT SHRINK TUBE: POLYOLEFIN

**PACKAGING:**

SWITCHES ARE BUNDLED. HARDWARE IS NOT ASSEMBLED TO THE SWITCH.

**COMPLIANCE:**

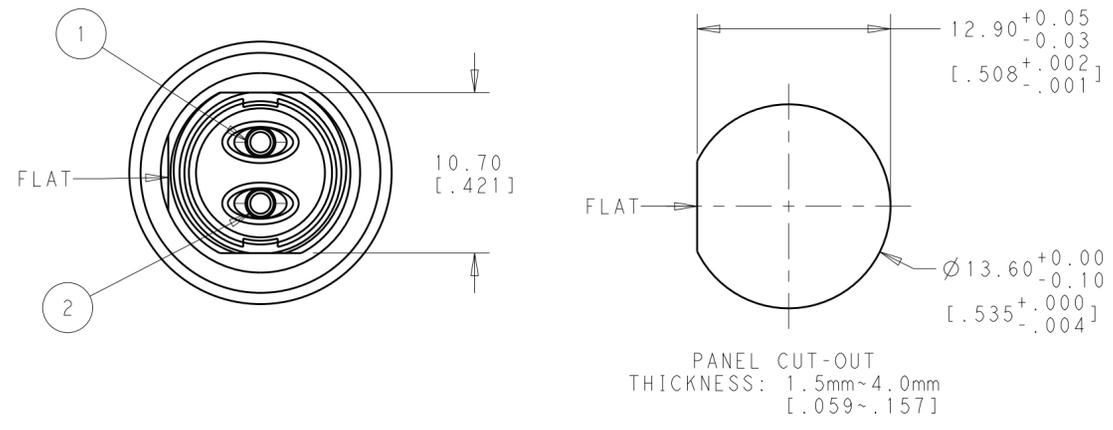
ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003(RoHS)

**SOLDER PROCESSING:**

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

1. HARDWARE IS SHIPPED UNASSEMBLED.

NO.	DESCRIPTION	WIRE COLOR
2	TERMINAL 2	BLACK
1	TERMINAL 1	BLACK

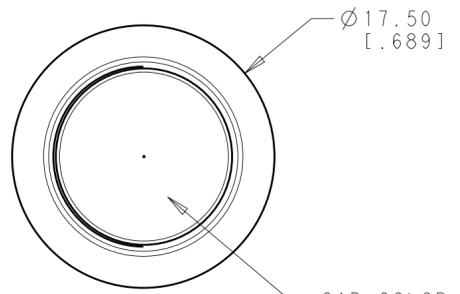


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN RAVLS 22FEB2018	TE Connectivity	
DIMENSIONS: mm[INCHES]		CHK ALEXANDER SHARPE 22FEB2018		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD ALEXANDER SHARPE 22FEB2018	NAME SWITCH, PUSHBUTTON, HIGH CAP NO LED, FLYING LEADS WITH HEAT SHRINK, SEALED, OFF-(ON) AND ON-(OFF)	
0 PLC ±		PRODUCT SPEC	SIZE	
1 PLC ±0.4[.016]		APPLICATION SPEC	CAGE CODE	
2 PLC ±0.25[.010]		WEIGHT	DRAWING NO	
3 PLC ±		CUSTOMER DRAWING	RESTRICTED TO	
4 PLC ±		SCALE	SHEET	
ANGLES ±5°		3:2	1 OF 3	
FINISH		REV	2	

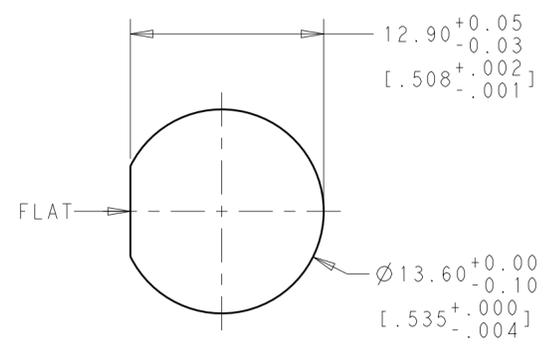
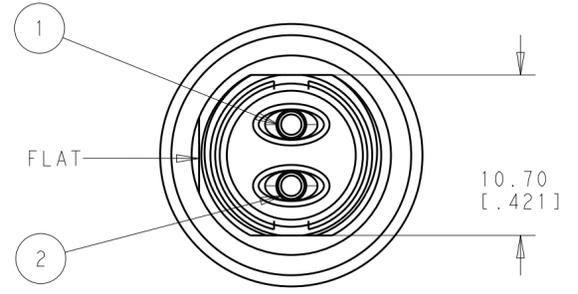
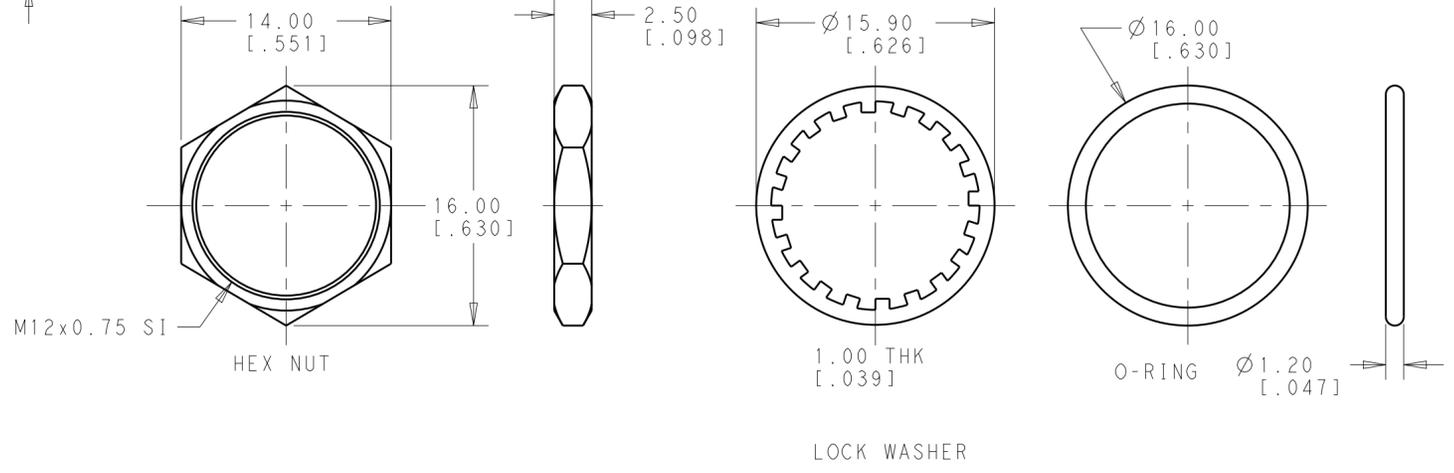
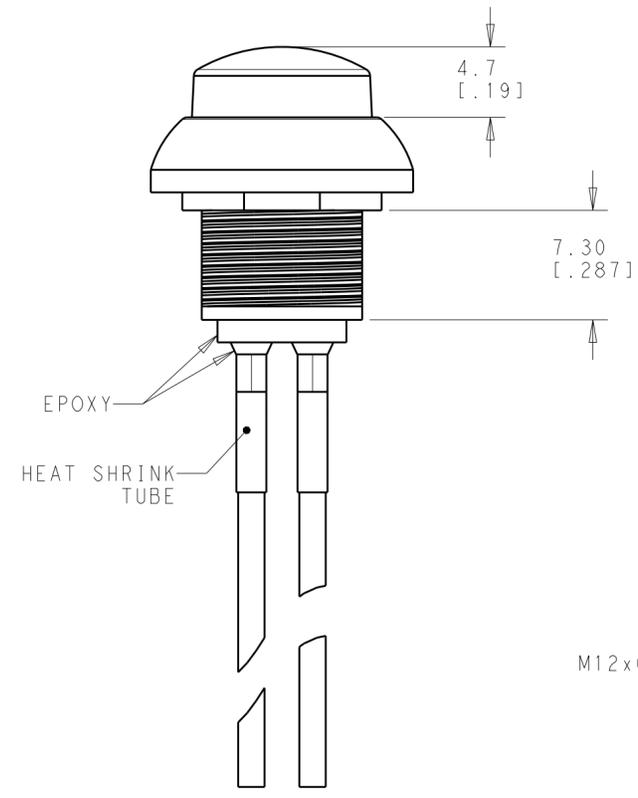
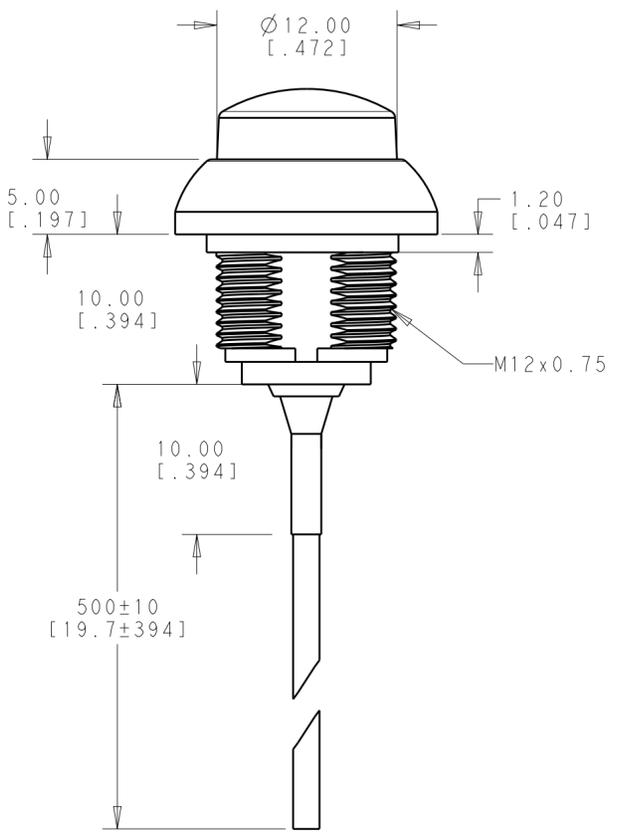
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### FLYING LEADS ON-(OFF)

REVISIONS				
P	LTR	DESCRIPTION	DATE	APVD
-	-	SEE SHEET 1	-	-



CAP COLOR: SEE TABLE



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

Model No.	POS. 1	POS. 2
PB7	ON	MOM(OFF)
CONNECTED TERMINALS	CLOSE	OPEN
SCHEMATIC		

SWITCH FUNCTION

NO.	DESCRIPTION	WIRE COLOR
2	TERMINAL 2	BLACK
1	TERMINAL 1	BLACK

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN: RAVLS 22FEB2018  
 CHK: ALEXANDER SHARPE 22FEB2018  
 APVD: ALEXANDER SHARPE 22FEB2018

**STE** TE Connectivity

NAME: SWITCH, PUSHBUTTON, HIGH CAP NO LED, FLYING LEADS WITH HEAT SHRINK, SEALED, OFF-(ON) AND ON-(OFF)

SIZE: A2 CAGE CODE: 200779 DRAWING NO: C-2329359 RESTRICTED TO: 2

MATERIAL: - DIMENSIONS: mm [INCHES] TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±, 1 PLC ±0.4 [0.016], 2 PLC ±0.25 [0.010], 3 PLC ±, 4 PLC ±, ANGLES ±5°, FINISH: -

APPLICATION SPEC: - WEIGHT: - CUSTOMER DRAWING SCALE: 3:2 SHEET: 2 OF 3 REV: 2

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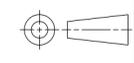
REVISIONS				
P	LTR	DESCRIPTION	DATE	APVD
-		SEE SHEET 1	-	-

POLE	THROW	TERMINAL TYPE	CAP TYPE & COLOR	LED COLOR	TE DESCRIPTIVE PART NUMBER	PART NUMBER
SINGLE POLE	ON-(OFF) MOMENTARY	FLYING LEADS WITH HEAT SHRINK TUBE	HIGH, SHINY BLUE	N/A	PB7B2HS7M1CAL00Y500	1-2329359-0
			HIGH, SHINY GREEN	N/A	PB7B2HS6M1CAL00Y500	2329359-9
			HIGH, SHINY YELLOW	N/A	PB7B2HS5M1CAL00Y500	2329359-8
			HIGH, SHINY RED	N/A	PB7B2HS3M1CAL00Y500	2329359-7
			HIGH, SHINY BLACK	N/A	PB7B2HS2M1CAL00Y500	2329359-6
	OFF-(ON) MOMENTARY		HIGH, SHINY BLUE	N/A	PB6B2HS7M1CAL00Y500	2329359-5
			HIGH, SHINY GREEN	N/A	PB6B2HS6M1CAL00Y500	2329359-4
			HIGH, SHINY YELLOW	N/A	PB6B2HS5M1CAL00Y500	2329359-3
			HIGH, SHINY RED	N/A	PB6B2HS3M1CAL00Y500	2329359-2
			HIGH, SHINY BLACK	N/A	PB6B2HS2M1CAL00Y500	2329359-1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN RAVLS 22FEB2018	 TE Connectivity NAME: SWITCH, PUSHBUTTON, HIGH CAP NO LED, FLYING LEADS WITH HEAT SHRINK, SEALED, OFF-(ON) AND ON-(OFF) SIZE: A2 CAGE CODE: 00779 DRAWING NO: C-2329359 RESTRICTED TO:
CHK ALEXANDER SHARPE 22FEB2018	
APVD ALEXANDER SHARPE 22FEB2018	
PRODUCT SPEC -	
APPLICATION SPEC -	WEIGHT -
CUSTOMER DRAWING	

SCALE 3:2 SHEET 3 OF 3 REV 2

DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:
	0 PLC ± 1 PLC ±0.4 [0.016] 2 PLC ±0.25 [0.010] 3 PLC ± 4 PLC ±
MATERIAL	ANGLES ±5° FINISH