

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A1	ECO-21-006709	18JUN2021	RK	AS

SINGLE POLE SWITCH WITH
DUAL COLOR LED's

D

C

B

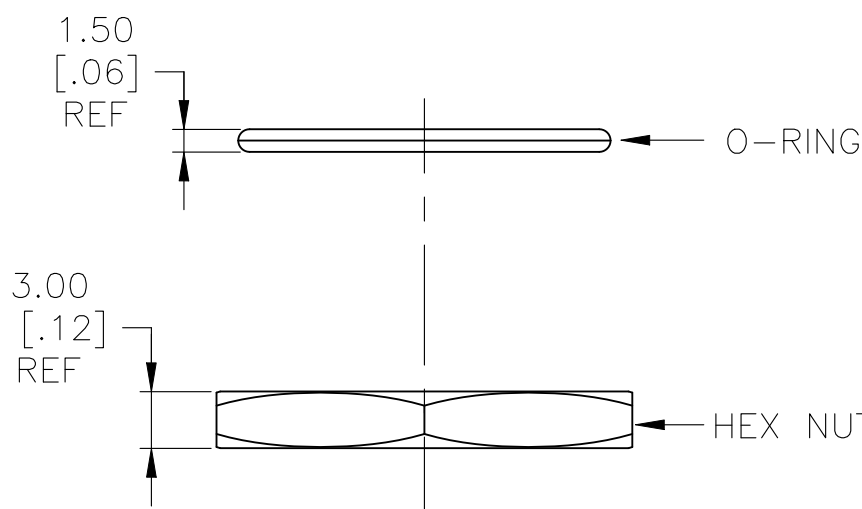
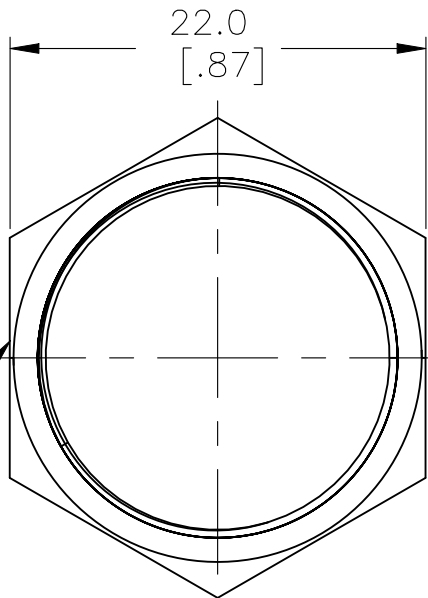
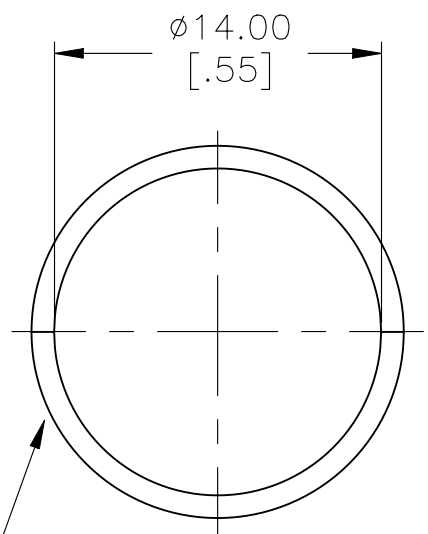
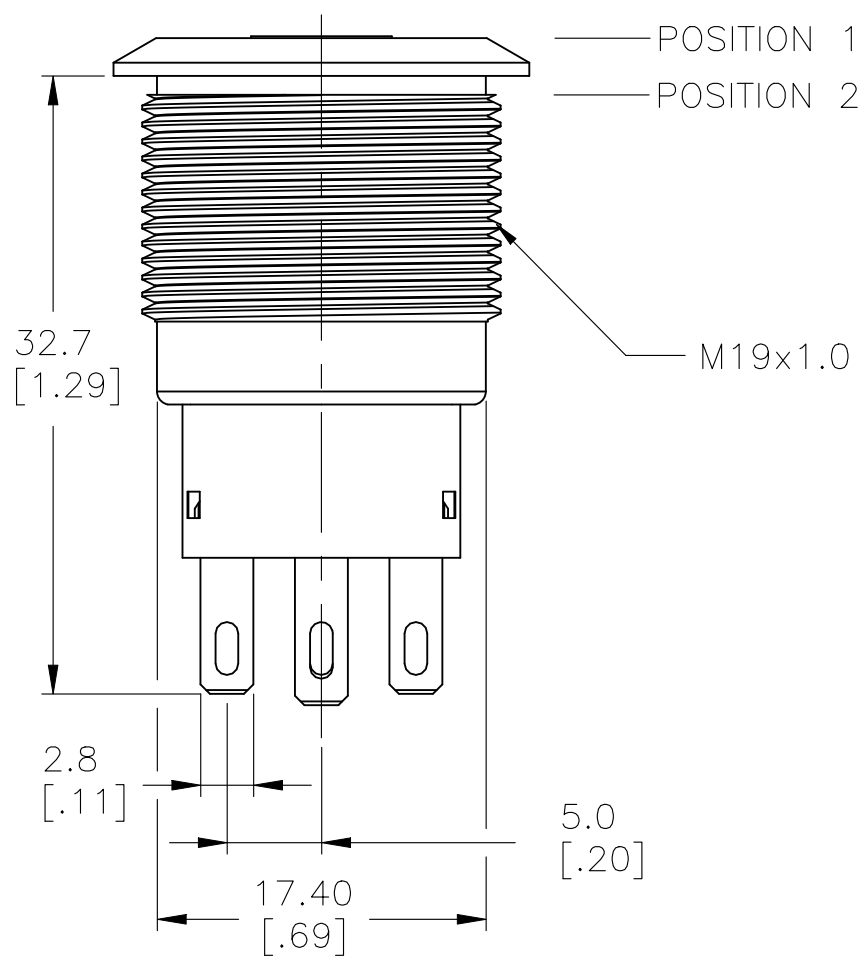
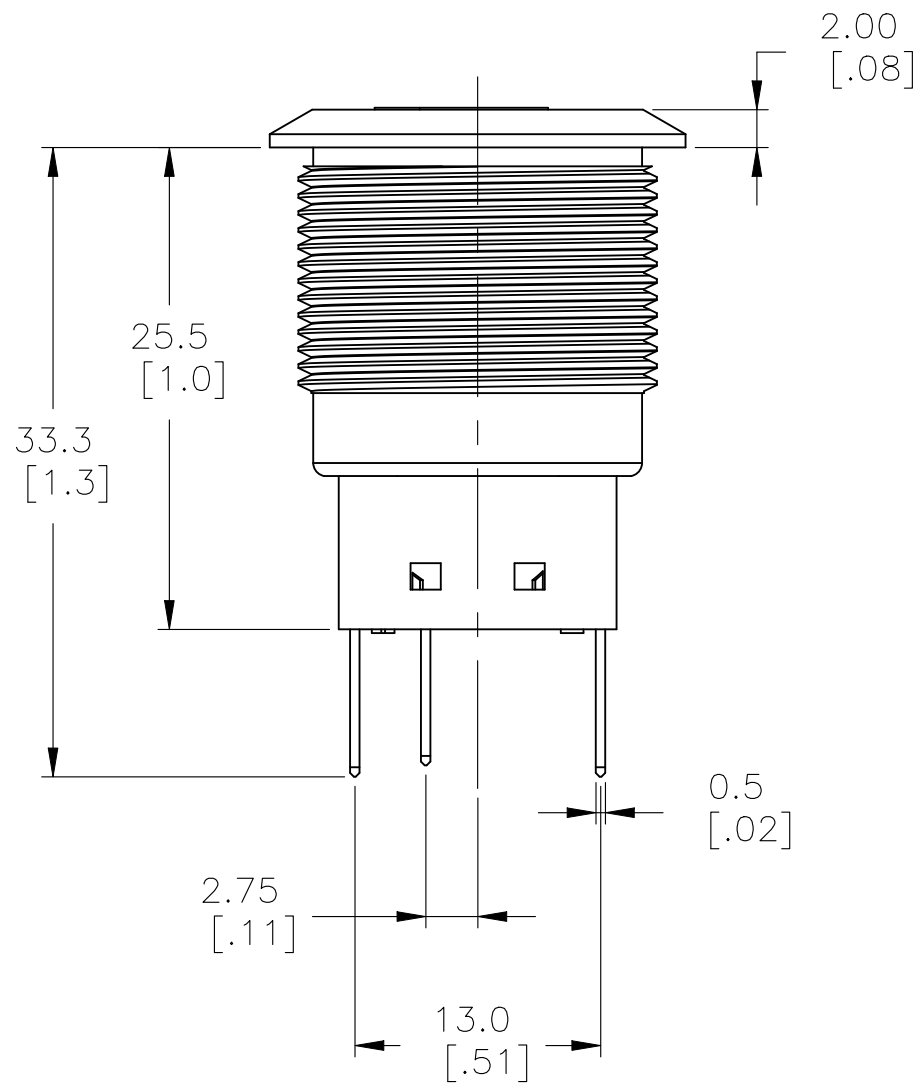
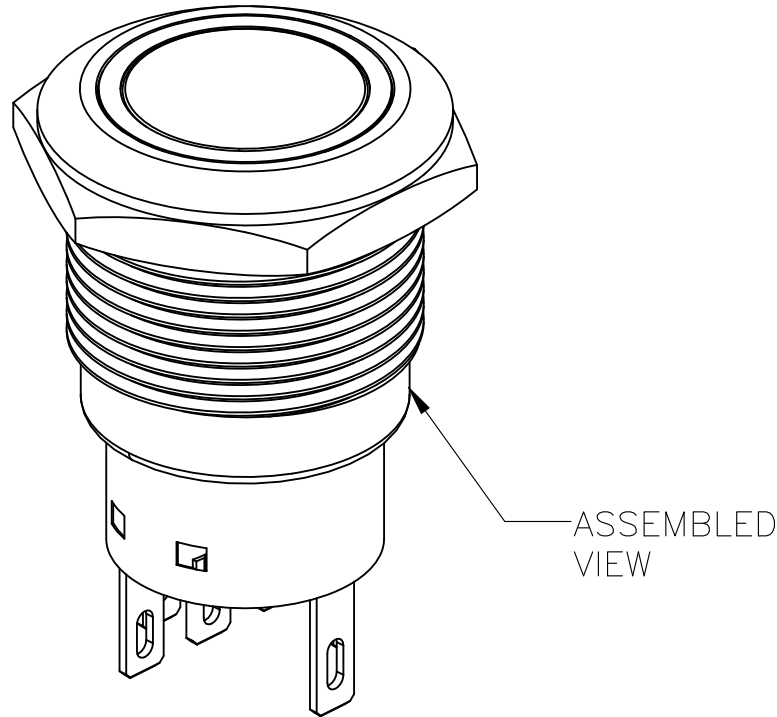
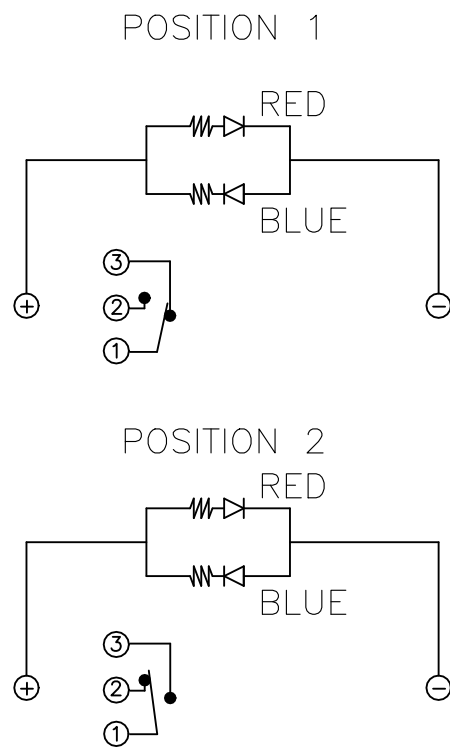
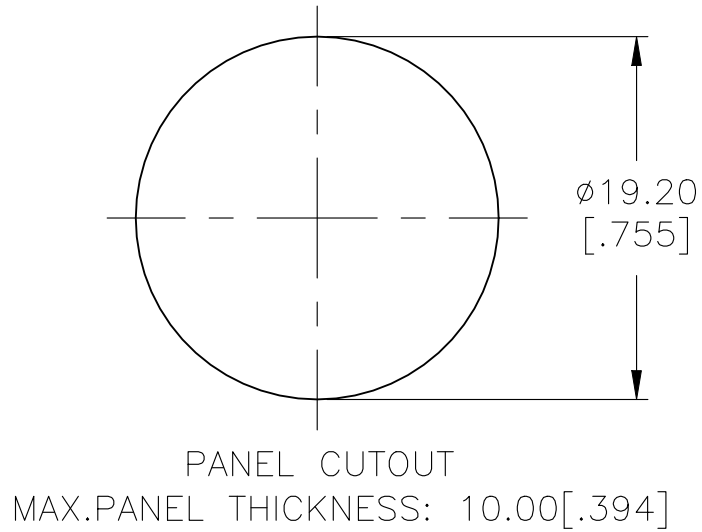
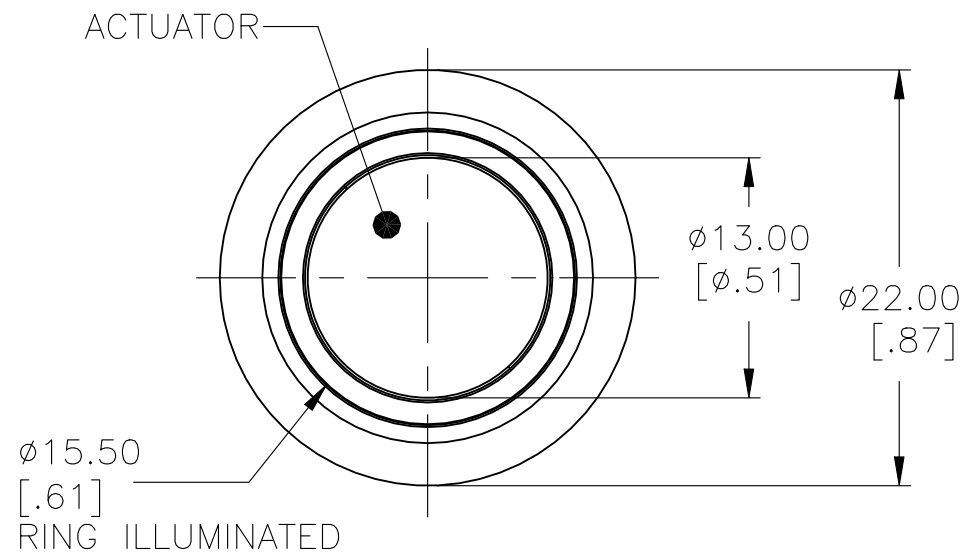
A

D

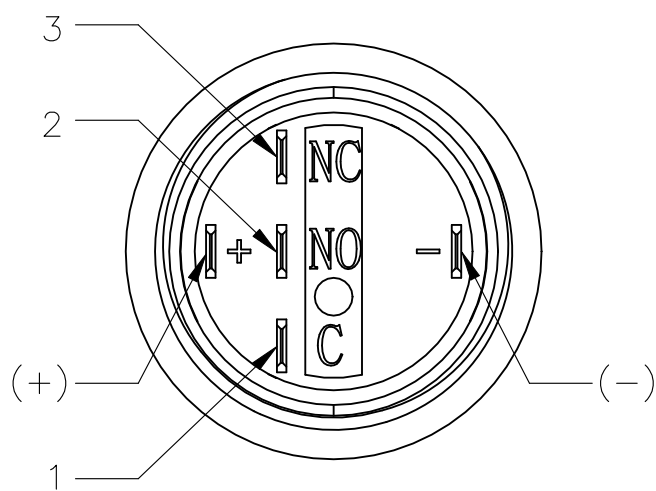
C

B

A



EXPLODED VIEW



SPECIFICATION:
CONTACT RATING: SILVER; 3A @ 250VAC RESISTIVE
GOLD; 0.4A @ 20VDC OR PEAK AC
INSULATION RESISTANCE: 1,000MΩ MIN AT 500VDC
DIELECTRIC STRENGTH: 2,000V RMS @ SEA LEVEL
CONTACT RESISTANCE: 50mΩ MAX @ 1A 12VDC (INITIAL VALUE), SOLDER TERMINALS
100mΩ MAX @ 1A 12VDC (INITIAL VALUES), FLYING LEADS.
ELECTRICAL LIFE CYCLES: 50,000 MAKE AND BREAK CYCLES AT FULL LOAD.
ACTUATION FORCE: SP: 2.5±1 N, DP: 3.5±1 N
ACTUATION TRAVEL: APPROXIMATELY 3.2mm
SEALED PER IP67, IK10
OPERATING TEMPERATURE: -20°C TO +55°C
MECHANICAL LIFECYCLES: MOMENTARY; 1,000,000 CYCLES
LOCKING; 500,000 CYCLES
HARDWARE TORQUE: 5-14 N-m.

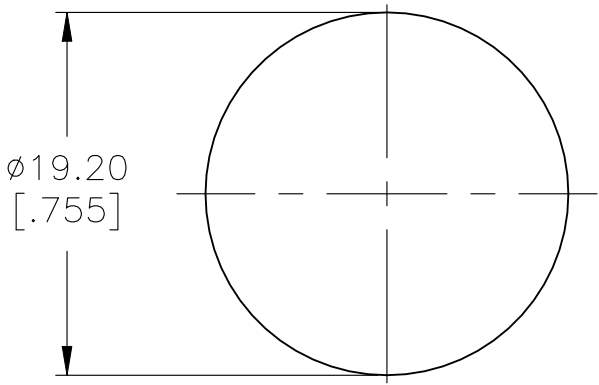
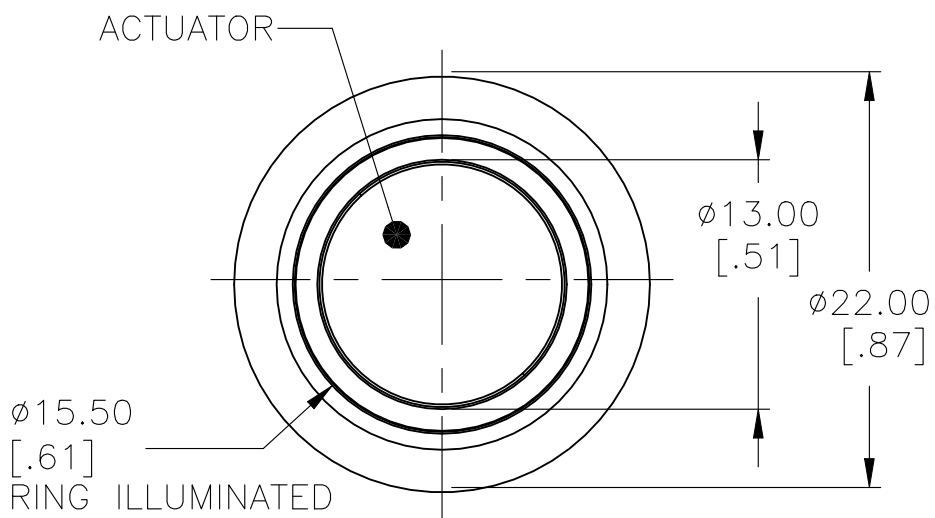
MATERIALS
BUSHING: STAINLESS STEEL,
BASE: PBT (UL 94-V0), PC (UL 94-V2),
ACTUATOR: STAINLESS STEEL, PC
O-RING: SILICONE,
TERMINAL/CONTACT: COPPER BASE, SILVER/GOLD PLATED,
HEX NUT: BRASS BASE, NICKEL PLATED,
WIRE:UL3385.
INNER ASSEMBLY: POM/PA66
SPRING: SPRING STEEL
SEALING: SILICONE

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

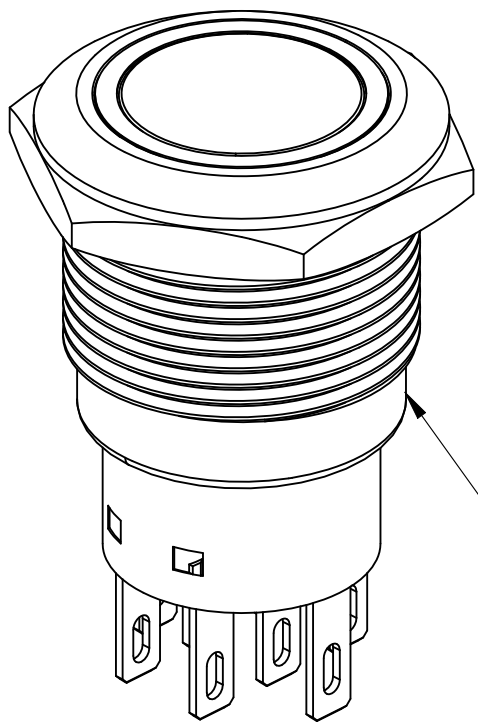
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN SHIVAKUMAR S S 13MAR2017	TE Connectivity		
DIMENSIONS: mm [INCHES]		CHK SANJAY SHINDIKAR 13MAR2017			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD SANJAY SHINDIKAR 13MAR2017	NAME ANTI-VANDAL SWITCH 19mm DUAL COLOR LED SOLDER TERMINALS, FLYING LEADS, WITH MOVING RING		
0 PLC ± - 1 PLC ± 0.4[.016] 2 PLC ± 0.25[.010] 3 PLC ± - 4 PLC ± - ANGLES ± 2°		PRODUCT SPEC - APPLICATION SPEC -	SIZE A2		
MATERIAL -		FINISH -	CAGE CODE 00779		
		WEIGHT -	DRAWING NO C-2316531		
		CUSTOMER DRAWING	RESTRICTED TO -		
		SCALE 1:1	SHEET 1 of 5		
			REV A1		

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

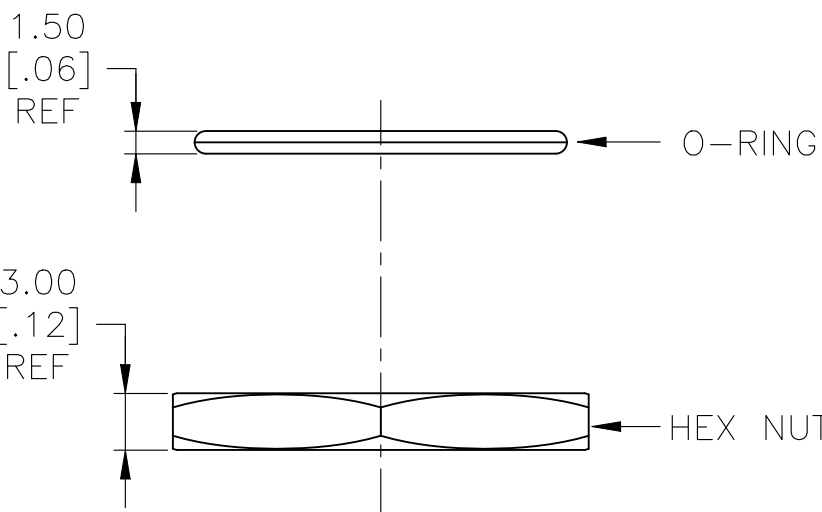
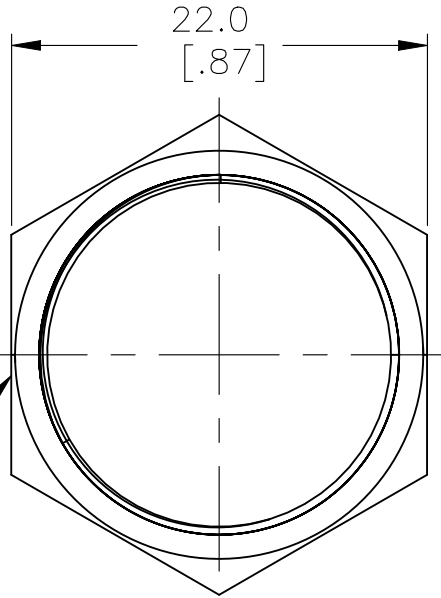
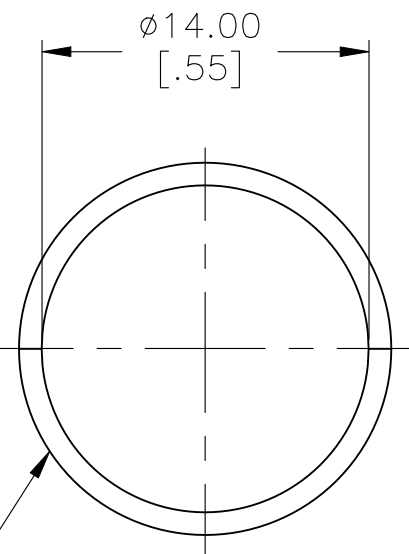
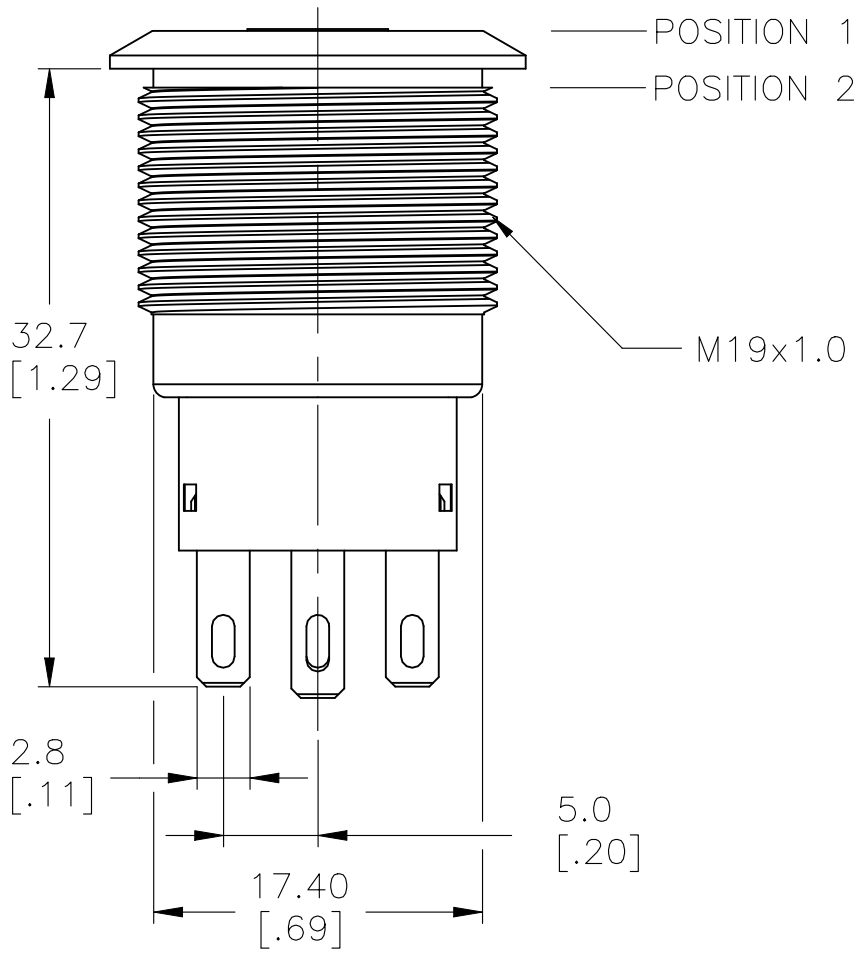
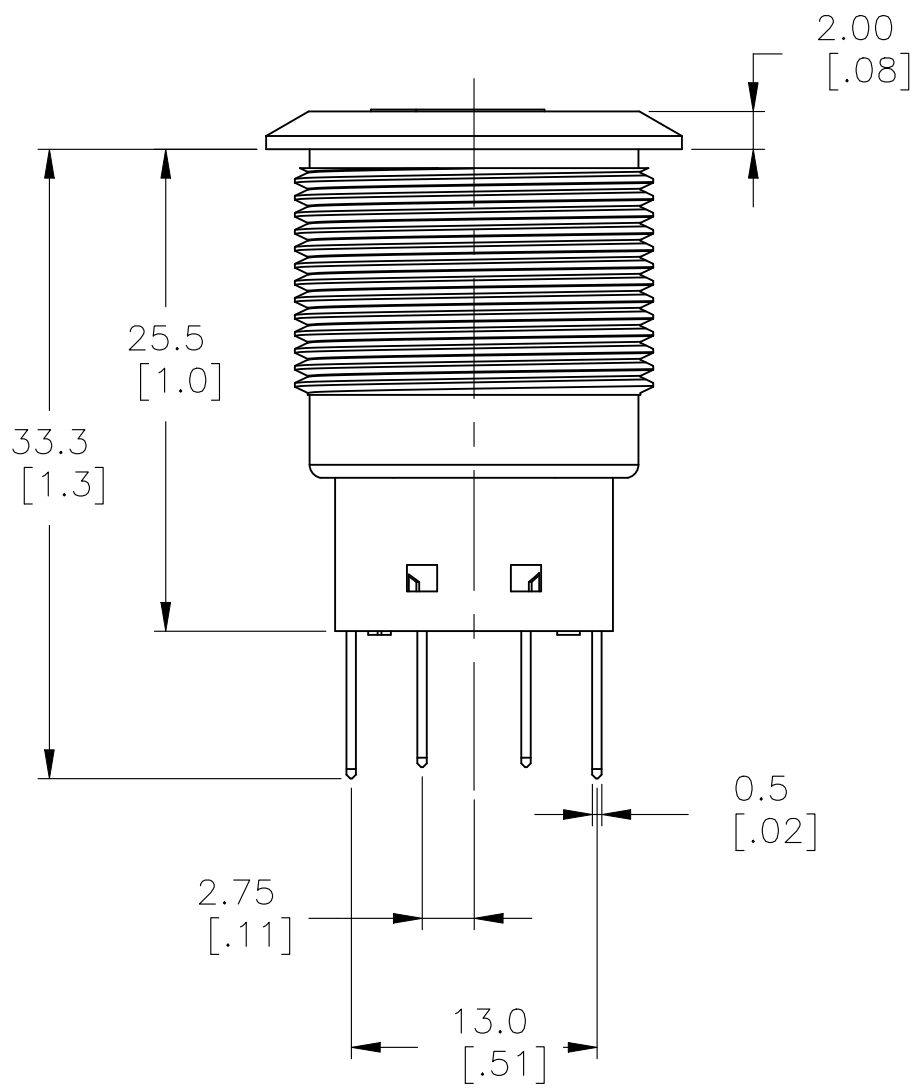
DOUBLE POLE SWITCH WITH
DUAL COLOR LED's



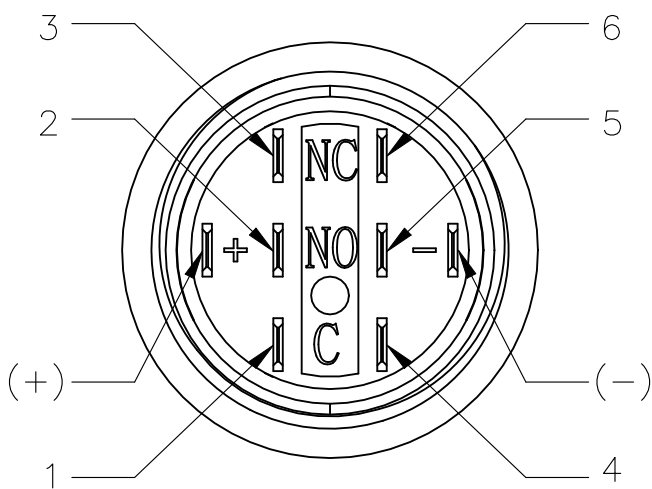
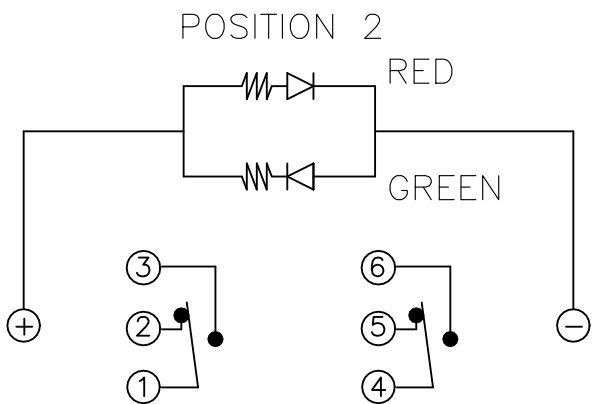
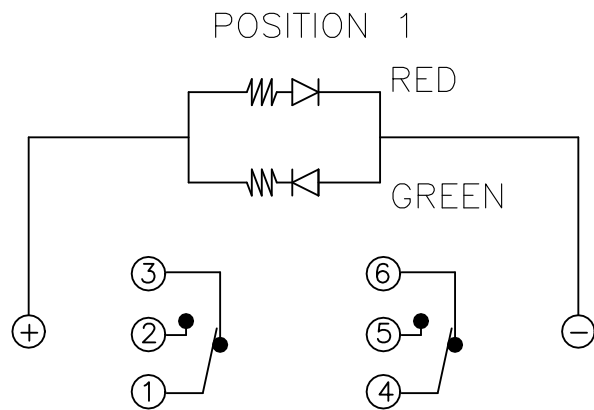
PANEL CUTOUT
MAX.PANEL THICKNESS: 10.00[.394]



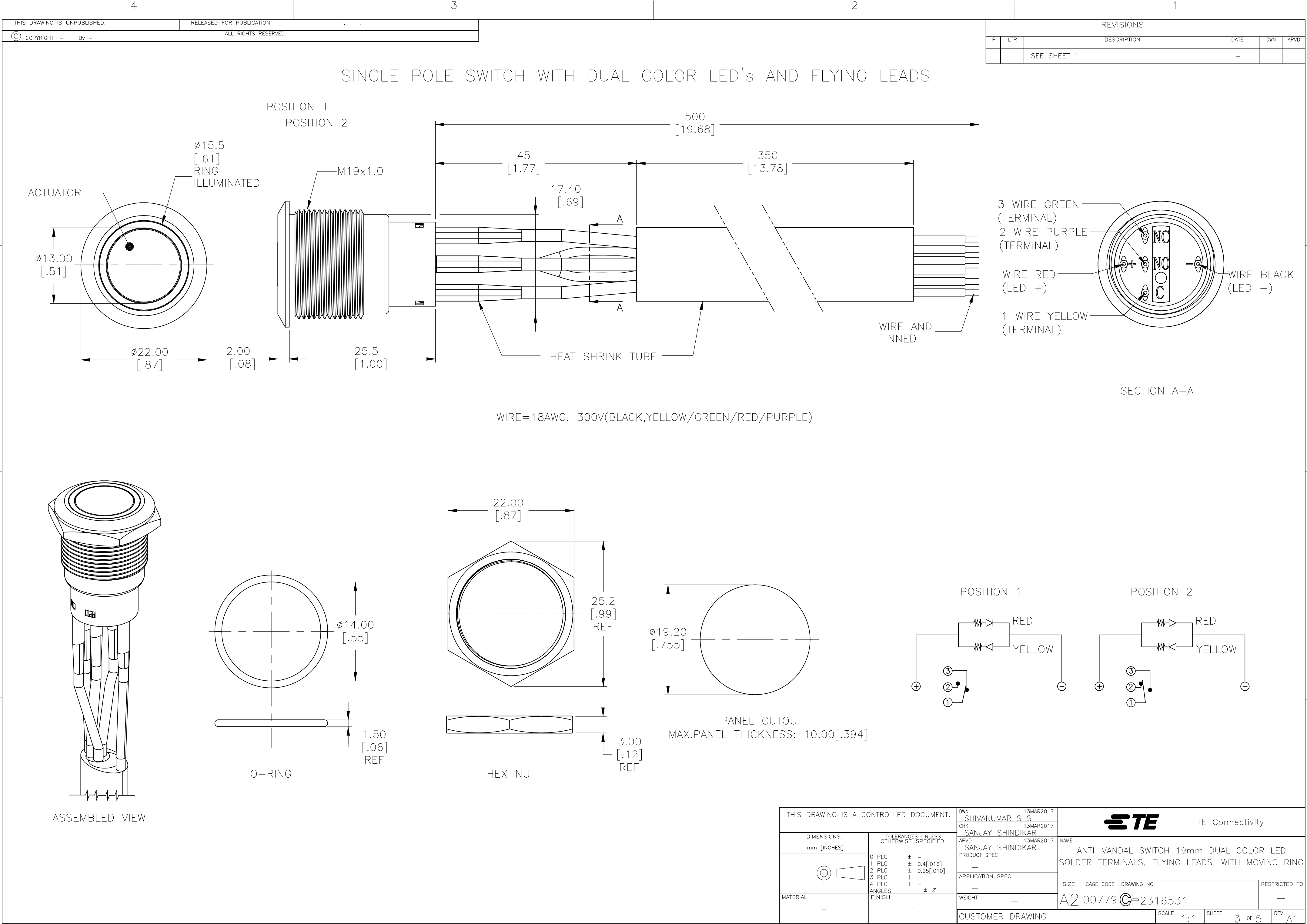
ASSEMBLED
VIEW



EXPLODED VIEW



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN SHIVAKUMAR S S 13MAR2017	TE Connectivity		
DIMENSIONS: mm [INCHES]		CHK SANJAY SHINDIKAR 13MAR2017			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD SANJAY SHINDIKAR 13MAR2017	NAME ANTI-VANDAL SWITCH 19mm DUAL COLOR LED SOLDER TERMINALS, FLYING LEADS, WITH MOVING RING		
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MATERIAL -		WEIGHT -	CAGE CODE 00779		RESTRICTED TO -
CUSTOMER DRAWING			SCALE 1:1	SHEET 2 of 5	REV A1



2316531

1471-9 (1/15)

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DWN 13MAR2017 SHIVAKUMAR S S

CHK 13MAR2017 SANJAY SHINDIKAR

APVD 13MAR2017 SANJAY SHINDIKAR

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -

1 PLC ± 0.4[.016]

2 PLC ± 0.25[.010]

3 PLC ± -

4 PLC ± -

ANGLES ± 2°

FINISH

MATERIAL

SCALE 1:1

SHEET 3 OF 5

REV A1

RESTRICTED TO

SIZE A2

CAGE CODE 00779

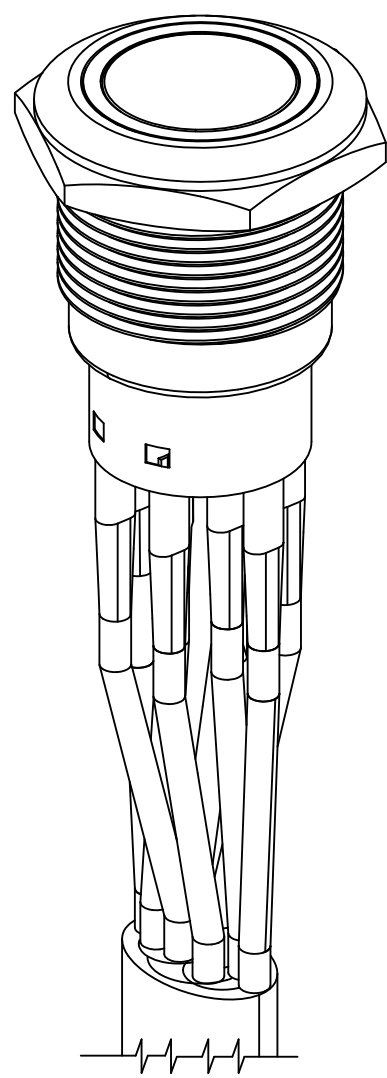
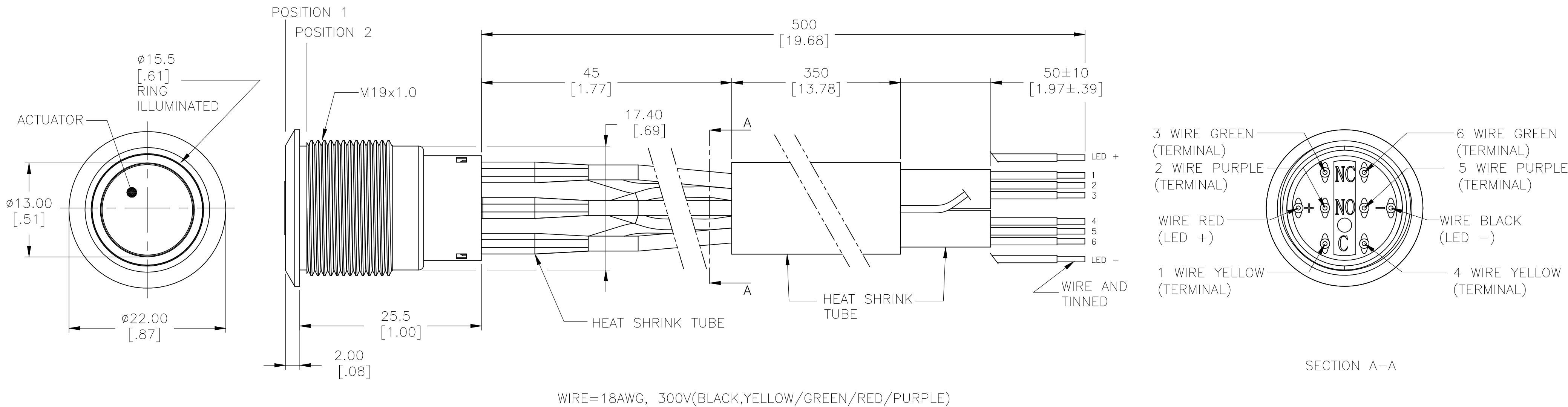
DRAWING NO C=2316531

NAME ANTI-VANDAL SWITCH 19mm DUAL COLOR LED SOLDER TERMINALS, FLYING LEADS, WITH MOVING RING

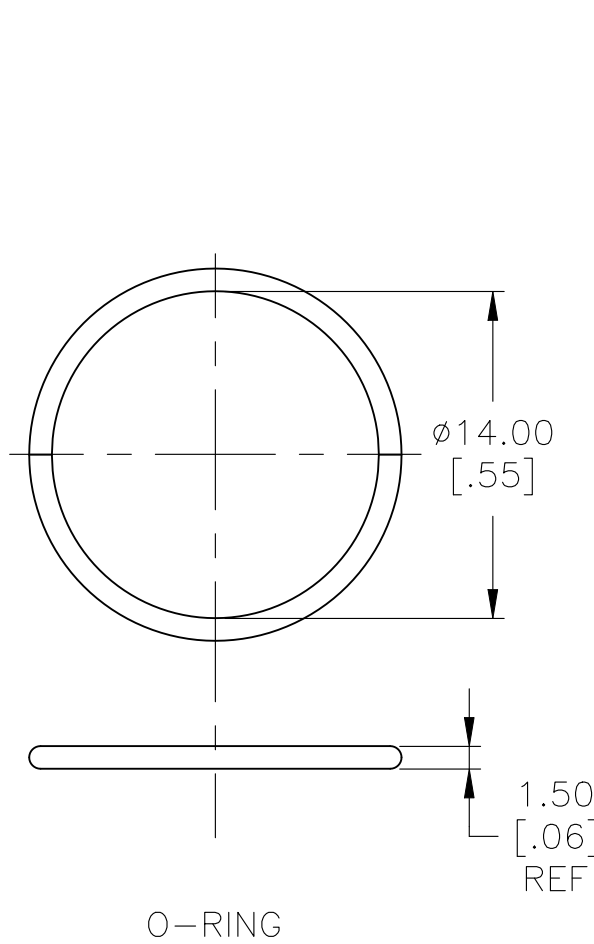
TE Connectivity

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

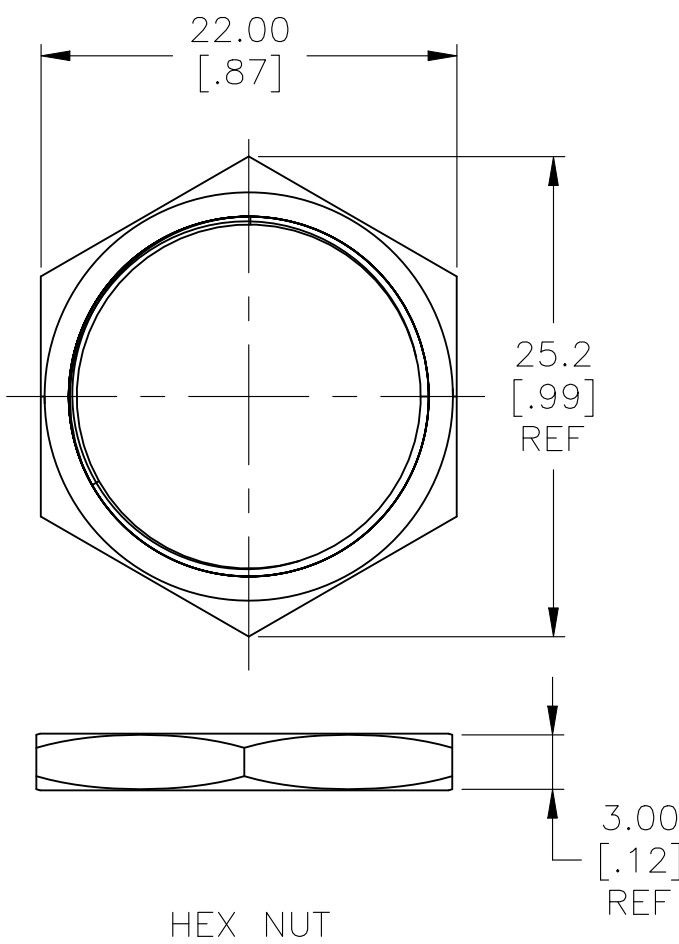
DOUBLE POLE SWITCH WITH DUAL COLOR LED's AND FLYING LEADS



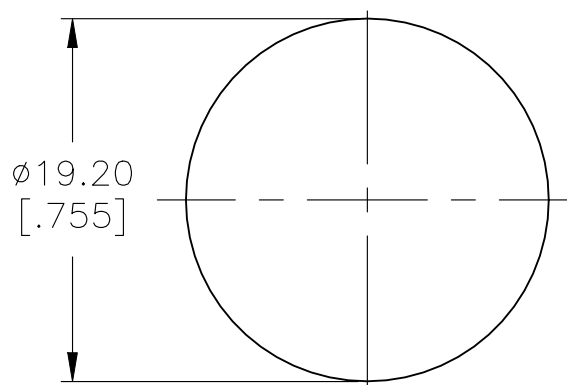
ASSEMBLED VIEW



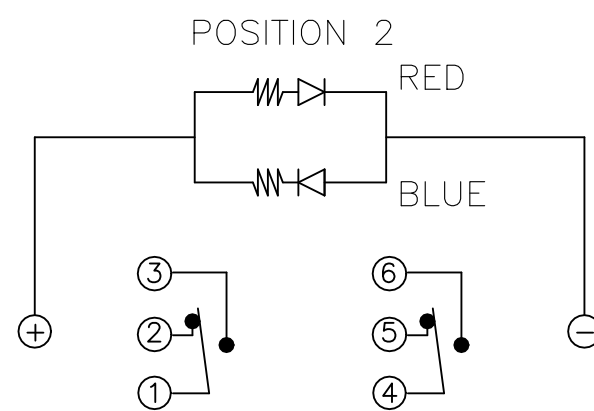
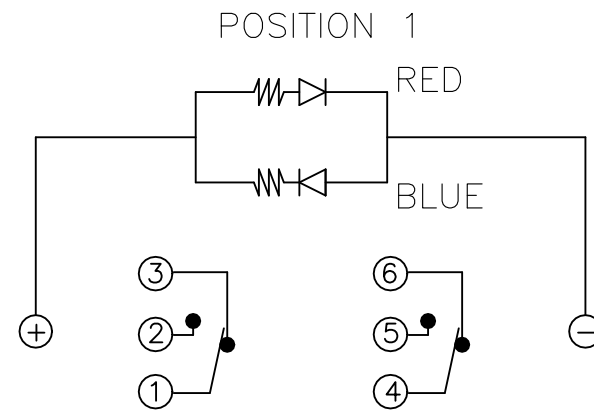
O-RING



HEX NUT



PANEL CUTOUT
MAX.PANEL THICKNESS: 10.00 [.394]



4		3		2		1									
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						REVISIONS									
P		LTR		DESCRIPTION		DATE		DWN		APVD					
		-		SEE SHEET 1		-		-		-					
SILVER		MOVING RING		FLYING LEAD TERMINALS		DOUBLE POLE – MOMENTARY		RED & YELLOW		24	AV1920EG24T5Q04	4–2316531–7			
								12		AV1920EG12T5Q04	4–2316531–6				
						RED & BLUE		24		AV1920EB24T5Q04	4–2316531–5				
								12		AV1920EB12T5Q04	4–2316531–4				
						RED & GREEN		24		AV1920EA24T5Q04	4–2316531–3				
								12		AV1920EA12T5Q04	4–2316531–2				
						RED & YELLOW		24		AV1911EG24T5Q04	4–2316531–1				
								12		AV1911EG12T5Q04	4–2316531–0				
						RED & BLUE		24		AV1911EB24T5Q04	3–2316531–9				
								12		AV1911EB12T5Q04	3–2316531–8				
						RED & GREEN		24		AV1911EA24T5Q04	3–2316531–7				
								12		AV1911EA12T5Q04	3–2316531–6				
				RED & YELLOW		24		AV1910EG24T5Q04	3–2316531–5						
						12		AV1910EG12T5Q04	3–2316531–4						
				RED & BLUE		24		AV1910EB24T5Q04	3–2316531–3						
						12		AV1910EB12T5Q04	3–2316531–2						
				RED & GREEN		24		AV1910EA24T5Q04	3–2316531–1						
						12		AV1910EA12T5Q04	3–2316531–0						
				SOLDER TERMINALS		DOUBLE POLE – MOMENTARY		RED & YELLOW		24	AV1920EG24Q04	1–2316531–8			
								12		AV1920EG12Q04	1–2316531–7				
								RED & BLUE		24	AV1920EB24Q04	1–2316531–6			
								12		AV1920EB12Q04	1–2316531–5				
						RED & GREEN		24		AV1920EA24Q04	1–2316531–4				
								12		AV1920EA12Q04	1–2316531–3				
SINGLE POLE – LOCKING		RED & YELLOW				24	AV1911EG24Q04	1–2316531–2							
		12				AV1911EG12Q04	1–2316531–1								
		RED & BLUE				24	AV1911EB24Q04	1–2316531–0							
		12				AV1911EB12Q04	2316531–9								
RED & GREEN		24				AV1911EA24Q04	2316531–8								
		12				AV1911EA12Q04	2316531–7								
SINGLE POLE – MOMENTARY		RED & YELLOW		24	AV1910EG24Q04	2316531–6									
		12		AV1910EG12Q04	2316531–5										
		RED & BLUE		24	AV1910EB24Q04	2316531–4									
		12		AV1910EB12Q04	2316531–3										
RED & GREEN		24		AV1910EA24Q04	2316531–2										
		12		AV1910EA12Q04	2316531–1										
CONTACT PLATING		LIGHT TYPE		TERMINAL OPTION		POLE/THROW		LED COLOR		LED VOLTAGE		TE DESCRIPTIVE PART NUMBER		TE PART NUMBER	
				THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 13MAR2017 SHIVAKUMAR S S		TE Connectivity							
				CHK 13MAR2017 SANJAY SHINDIKAR		NAME		ANTI-VANDAL SWITCH 19mm DUAL COLOR LED SOLDER TERMINALS, FLYING LEADS, WITH MOVING RING							
				APVD 13MAR2017 SANJAY SHINDIKAR		PRODUCT SPEC		-							
				APPLICATION SPEC		-		SIZE		CAGE CODE		DRAWING NO		RESTRICTED TO	
				MATERIAL		FINISH		WEIGHT		-		A2 00779		C=2316531	
				CUSTOMER DRAWING		SCALE 1:1		SHEET 5 OF 5		REV A1					

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