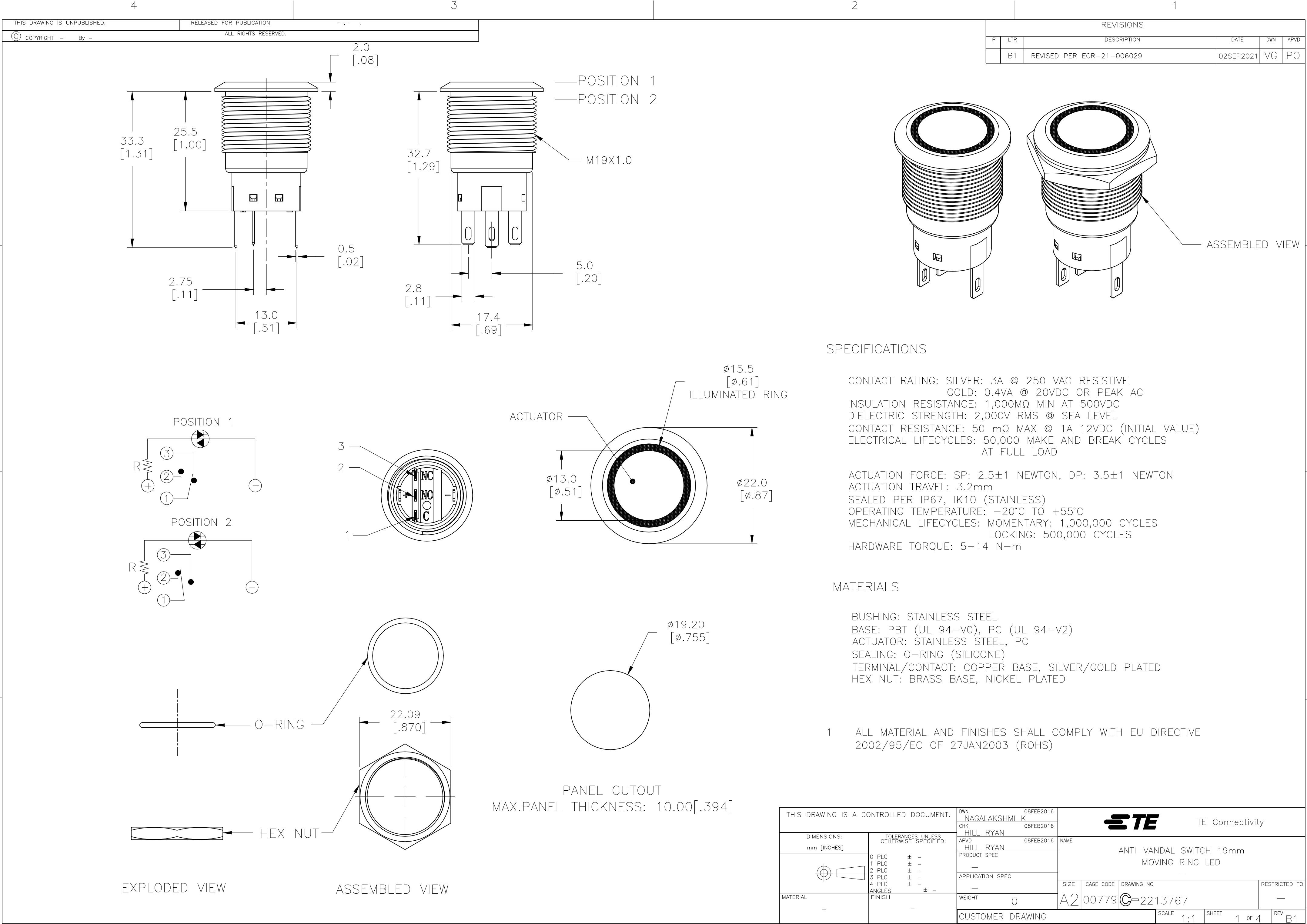




SPECIFICATIONS

CONTACT RATING: SILVER: 3A @ 250 VAC RESISTIVE
GOLD: 0.4VA @ 20VDC OR PEAK AC
INSULATION RESISTANCE: 1,000MΩ MIN AT 500VDC
DIELECTRIC STRENGTH: 2,000V RMS @ SEA LEVEL
CONTACT RESISTANCE: 50 mΩ MAX @ 1A 12VDC (INITIAL VALUE)
ELECTRICAL LIFECYCLES: 50,000 MAKE AND BREAK CYCLES
AT FULL LOAD

ACTUATION FORCE: SP: 2.5±1 NEWTON, DP: 3.5±1 NEWTON
ACTUATION TRAVEL: 3.2mm
SEALED PER IP67, IK10 (STAINLESS)
OPERATING TEMPERATURE: -20°C TO +55°C
MECHANICAL LIFECYCLES: MOMENTARY: 1,000,000 CYCLES
LOCKING: 500,000 CYCLES
HARDWARE TORQUE: 5-14 N-m

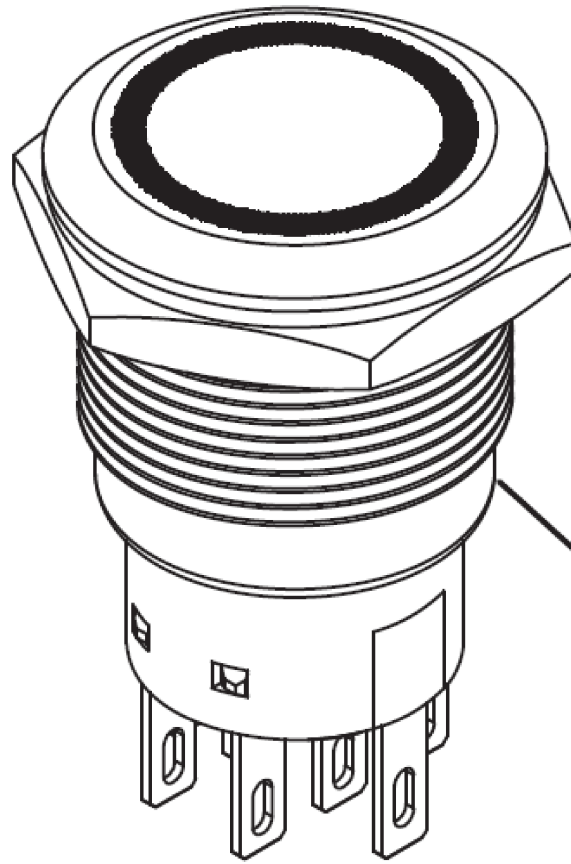
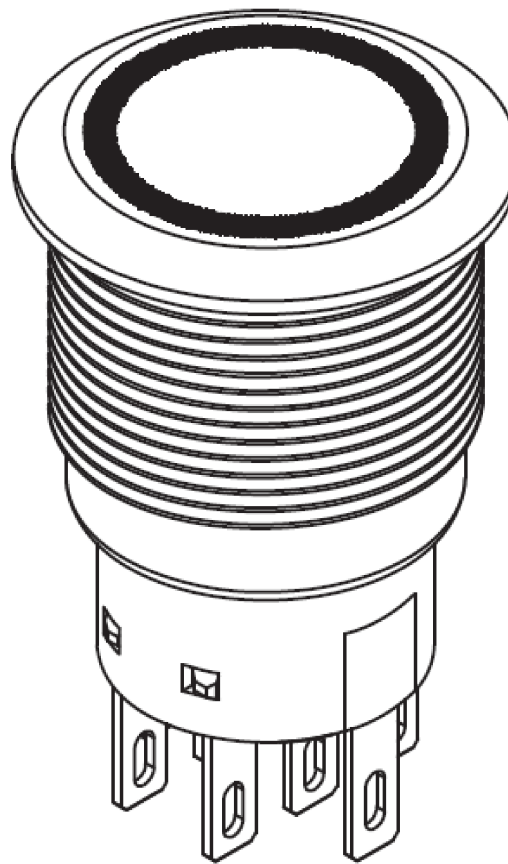
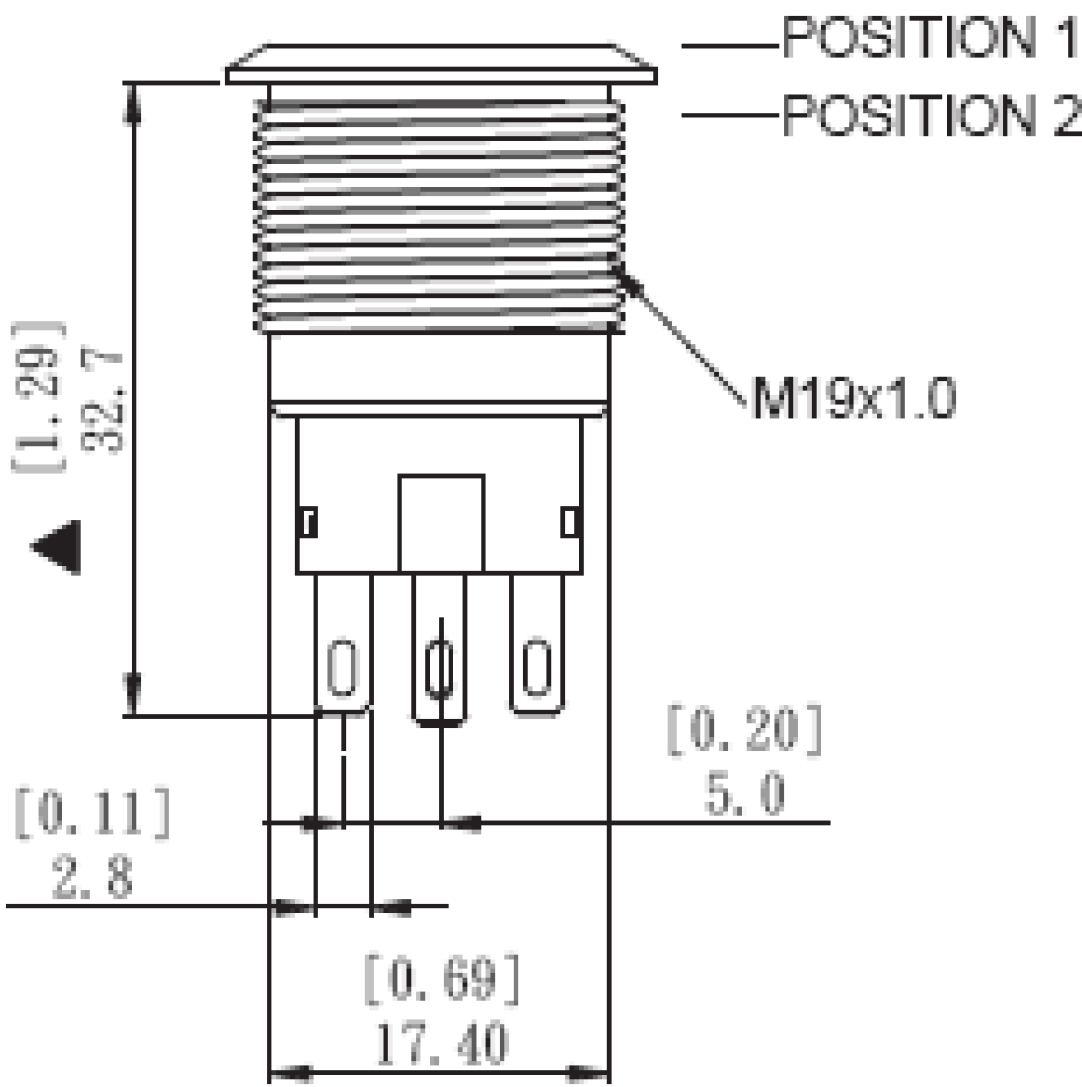
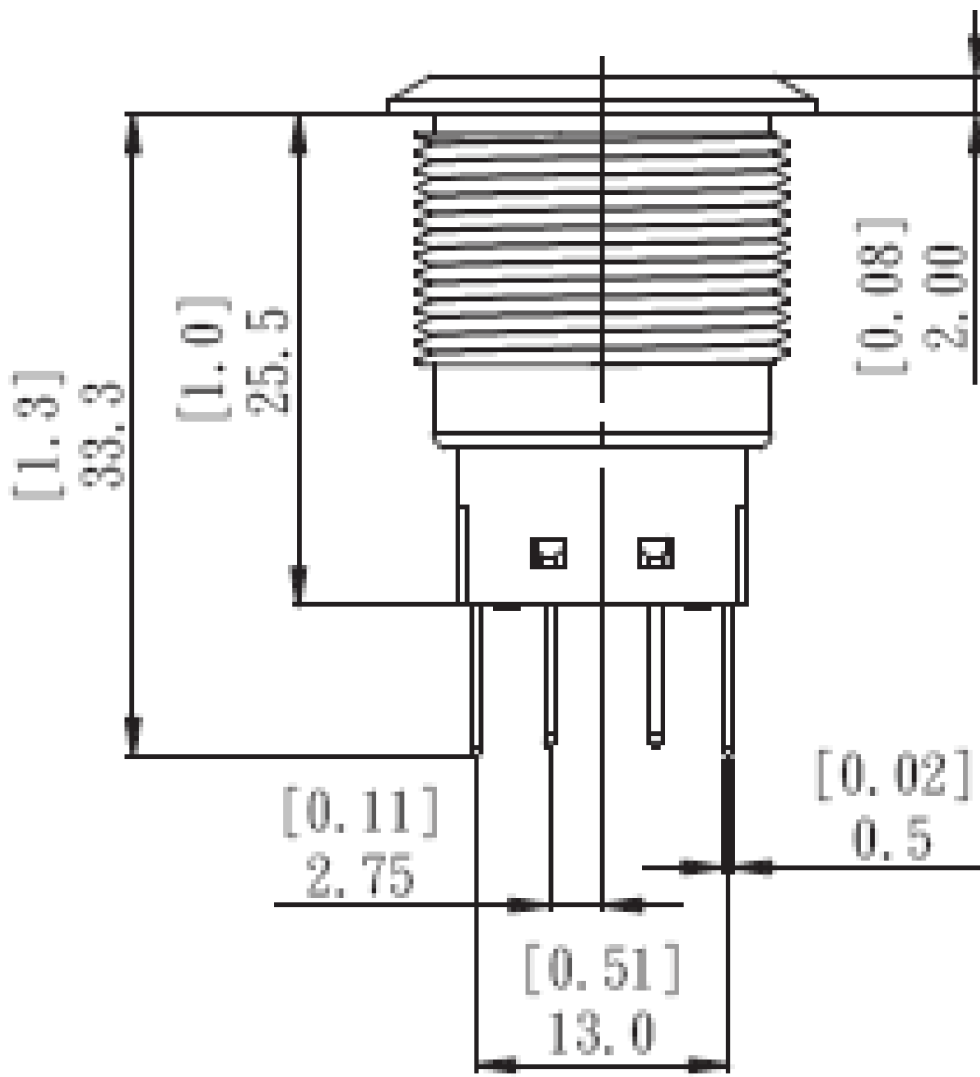
MATERIALS

BUSHING: STAINLESS STEEL
BASE: PBT (UL 94-V0), PC (UL 94-V2)
ACTUATOR: STAINLESS STEEL, PC
SEALING: O-RING (SILICONE)
TERMINAL/CONTACT: COPPER BASE, SILVER/GOLD PLATED
HEX NUT: BRASS BASE, NICKEL PLATED

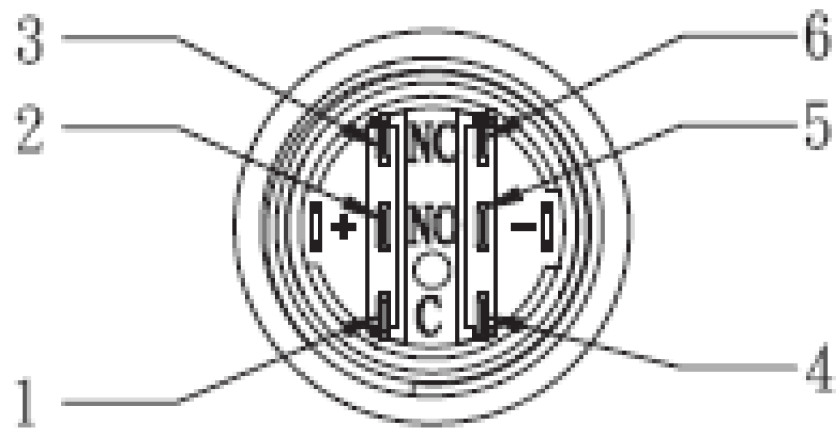
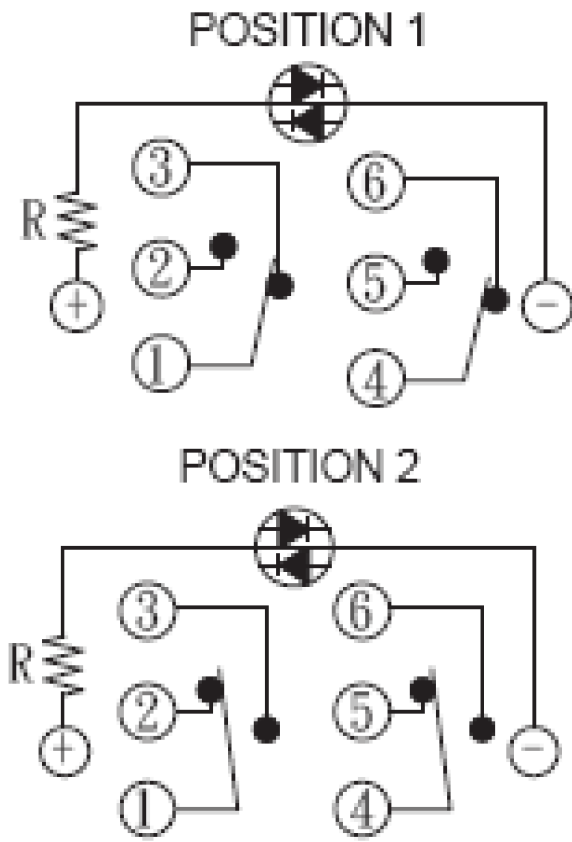
1 ALL MATERIAL AND FINISHES SHALL COMPLY WITH EU DIRECTIVE
2002/95/EC OF 27JAN2003 (ROHS)

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN NAGALAKSHMI K 08FEB2016	TE Connectivity			
DIMENSIONS: mm [INCHES]		CHK HILL RYAN 08FEB2016				
		APVD HILL RYAN 08FEB2016	NAME ANTI-VANDAL SWITCH 19mm MOVING RING LED			
		PRODUCT SPEC	—			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPLICATION SPEC	—			
0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± -		—	SIZE A2	CAGE CODE 00779	DRAWING NO C-2213767	RESTRICTED TO —
MATERIAL —		FINISH —	WEIGHT 0	CUSTOMER DRAWING		
			SCALE 1:1	SHEET 1 OF 4	REV B1	

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



ASSEMBLED VIEW



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN NAGALAKSHMI K 08FEB2016		 TE Connectivity		
DIMENSIONS: mm [INCHES]		CHK HILL RYAN 08FEB2016				
	TOLERANCES, UNLESS OTHERWISE SPECIFIED:		APVD HILL RYAN 08FEB2016		NAME ANTI-VANDAL SWITCH 19mm MOVING RING LED	
	0 PLC ± -		PRODUCT SPEC			
	1 PLC ± -		—			
	2 PLC ± -		APPLICATION SPEC			
MATERIAL —	3 PLC ± -		—		SIZE A2	
	4 PLC ± -		—			CAGE CODE 00779
	ANGLES ± -		—			
FINISH —		WEIGHT —		RESTRICTED TO —		
CUSTOMER DRAWING		SCALE 1:1			SHEET 2 of 4	
						REV B1

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

SINGLE POLE- LOCKING	GOLD	BLUE	24V	AV1911E724R04	4-2213767-0
	SILVER	BLUE	24V	AV1911E724Q04	3-2213767-9
	GOLD	BLUE	12V	AV1911E712R04	3-2213767-8
	SILVER	BLUE	12V	AV1911E712Q04	3-2213767-7
	GOLD	GREEN	24V	AV1911E624R04	3-2213767-6
	SILVER	GREEN	24V	AV1911E624Q04	3-2213767-5
	GOLD	GREEN	12V	AV1911E612R04	3-2213767-4
	SILVER	GREEN	12V	AV1911E612Q04	3-2213767-3
	GOLD	YELLOW	24V	AV1911E524R04	3-2213767-2
	SILVER	YELLOW	24V	AV1911E524Q04	3-2213767-1
	GOLD	YELLOW	12V	AV1911E512R04	3-2213767-0
	SILVER	YELLOW	12V	AV1911E512Q04	2-2213767-9
	GOLD	RED	24V	AV1911E324R04	2-2213767-8
	SILVER	RED	24V	AV1911E324Q04	2-2213767-7
	GOLD	RED	12V	AV1911E312R04	2-2213767-6
	SILVER	RED	12V	AV1911E312Q04	2-2213767-5
	GOLD	WHITE	24V	AV1911E124R04	2-2213767-4
	SILVER	WHITE	24V	AV1911E124Q04	2-2213767-3
	GOLD	WHITE	12V	AV1911E112R04	2-2213767-2
	SILVER	WHITE	12V	AV1911E112Q04	2-2213767-1
SINGLE POLE- MOMENTARY	GOLD	BLUE	24V	AV1910E724R04	2-2213767-0
	SILVER	BLUE	24V	AV1910E724Q04	1-2213767-9
	GOLD	BLUE	12V	AV1910E712R04	1-2213767-8
	SILVER	BLUE	12V	AV1910E712Q04	1-2213767-7
	GOLD	GREEN	24V	AV1910E624R04	1-2213767-6
	SILVER	GREEN	24V	AV1910E624Q04	1-2213767-5
	GOLD	GREEN	12V	AV1910E612R04	1-2213767-4
	SILVER	GREEN	12V	AV1910E612Q04	1-2213767-3
	GOLD	YELLOW	24V	AV1910E524R04	1-2213767-2
	SILVER	YELLOW	24V	AV1910E524Q04	1-2213767-1
	GOLD	YELLOW	12V	AV1910E512R04	1-2213767-0
	SILVER	YELLOW	12V	AV1910E512Q04	2213767-9
	GOLD	RED	24V	AV1910E324R04	2213767-8
	SILVER	RED	24V	AV1910E324Q04	2213767-7
	GOLD	RED	12V	AV1910E312R04	2213767-6
	SILVER	RED	12V	AV1910E312Q04	2213767-5
	GOLD	WHITE	24V	AV1910E124R04	2213767-4
	SILVER	WHITE	24V	AV1910E124Q04	2213767-3
	GOLD	WHITE	12V	AV1910E112R04	2213767-2
	SILVER	WHITE	12V	AV1910E112Q04	2213767-1
POLE/THROW	CONTACT	LED COLOR	LED VOLTAGE	TE DESCRIPTIVE PN	TE PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 08FEB2016 CHK 08FEB2016 HILL RYAN APVD 08FEB2016 HILL RYAN PRODUCT SPEC APPLICATION SPEC WEIGHT —		 TE Connectivity	
DIMENSIONS: mm [INCHES]		TOLERANCES, UNLESS OTHERWISE SPECIFIED:		NAME ANTI-VANDAL SWITCH 19mm MOVING RING LED	
		0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± -			
MATERIAL -		FINISH -		SIZE A2	
				CAGE CODE 00779	
				DRAWING NO C=2213767	
				RESTRICTED TO -	
CUSTOMER DRAWING				SCALE 1:1	
				SHEET 3 of 4	
				REV B1	

4

3

2

1

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REVISIONS

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

DOUBLE POLE-LOCKING

GOLD	BLUE	24V	AV1921E724R04	8-2213767-0
SILVER	BLUE	24V	AV1921E724Q04	7-2213767-9
GOLD	BLUE	12V	AV1921E712R04	7-2213767-8
SILVER	BLUE	12V	AV1921E712Q04	7-2213767-7
GOLD	GREEN	24V	AV1921E624R04	7-2213767-6
SILVER	GREEN	24V	AV1921E624Q04	7-2213767-5
GOLD	GREEN	12V	AV1921E612R04	7-2213767-4
SILVER	GREEN	12V	AV1921E612Q04	7-2213767-3
GOLD	YELLOW	24V	AV1921E524R04	7-2213767-2
SILVER	YELLOW	24V	AV1921E524Q04	7-2213767-1
GOLD	YELLOW	12V	AV1921E512R04	7-2213767-0
SILVER	YELLOW	12V	AV1921E512Q04	6-2213767-9
GOLD	RED	24V	AV1921E324R04	6-2213767-8
SILVER	RED	24V	AV1921E324Q04	6-2213767-7
GOLD	RED	12V	AV1921E312R04	6-2213767-6
SILVER	RED	12V	AV1921E312Q04	6-2213767-5
GOLD	WHITE	24V	AV1921E124R04	6-2213767-4
SILVER	WHITE	24V	AV1921E124Q04	6-2213767-3
GOLD	WHITE	12V	AV1921E112R04	6-2213767-2
SILVER	WHITE	12V	AV1921E112Q04	6-2213767-1

DOUBLE POLE-MOMENTARY

GOLD	BLUE	24V	AV1920E724R04	6-2213767-0
SILVER	BLUE	24V	AV1920E724Q04	5-2213767-9
GOLD	BLUE	12V	AV1920E712R04	5-2213767-8
SILVER	BLUE	12V	AV1920E712Q04	5-2213767-7
GOLD	GREEN	24V	AV1920E624R04	5-2213767-6
SILVER	GREEN	24V	AV1920E624Q04	5-2213767-5
GOLD	GREEN	12V	AV1920E612R04	5-2213767-4
SILVER	GREEN	12V	AV1920E612Q04	5-2213767-3
GOLD	YELLOW	24V	AV1920E524R04	5-2213767-2
SILVER	YELLOW	24V	AV1920E524Q04	5-2213767-1
GOLD	YELLOW	12V	AV1920E512R04	5-2213767-0
SILVER	YELLOW	12V	AV1920E512Q04	4-2213767-9
GOLD	RED	24V	AV1920E324R04	4-2213767-8
SILVER	RED	24V	AV1920E324Q04	4-2213767-7
GOLD	RED	12V	AV1920E312R04	4-2213767-6
SILVER	RED	12V	AV1920E312Q04	4-2213767-5
GOLD	WHITE	24V	AV1920E124R04	4-2213767-4
SILVER	WHITE	24V	AV1920E124Q04	4-2213767-3
GOLD	WHITE	12V	AV1920E112R04	4-2213767-2
SILVER	WHITE	12V	AV1920E112Q04	4-2213767-1

POLE/THROW

CONTACT

LED COLOR

LED VOLTAGE

TE
DESCRIPTIVE PN

TE
PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm [INCHES]

0

1

2

3

4

PLC

±

-

1

2

3

4

PLC

±

-

2

3

4

PLC

±

-

3

4

PLC

±

-

4

PLC

±

-

ANGLES

±

-

FINISH

-

DWN
NAGALAKSHMI K

CHK
HILL RYAN

APVD
HILL RYAN

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

08FEB2016

08FEB2016

08FEB2016

-

-

-

SCALE
1:1

TE Connectivity

ANTI-VANDAL SWITCH 19mm
MOVING RING LED

DRAWING NO
2213767

RESTRICTED TO
-

SIZE
A2

CAGE CODE
00779

SHEET
4 OF 4

REV
B1

1471-9 (1/15)

Mouser Electronics

Authorized Distributor

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

[TE Connectivity:](#)

[AV1910E312Q04](#)