

4

3

2

1

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REVISIONS

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

SINGLE POLE SWITCH

ACTUATOR

Ø28.00
[1.10]

RING ILLUMINATED

Ø15.70
[.62]

Ø19.80
[.78]

PANEL CUTOUT

MAX.PANEL THICKNESS: 10.0[.39]

Ø25.20
[.99]

POSITION 1

POSITION 2

M25X1.0

Ø22.5
[.89]

28
[1.10]

EXPLODED VIEW

HEX NUT

ASSEMBLED VIEW

2.0
[.08]

35.2
[1.39]

27.4
[1.08]

2.75
[.11]

0.50
[.02]

13.00
[.51]

3

2

1

(+)

(-)

POSITION 1

POSITION 2

1

2

3

+

-

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),
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, IK08

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.
INNER ASSEMBLY: POM/PA66
SPRING: SPRING STEEL
SEALING: SILICONE

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

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DIMENSIONS:
mm [INCHES]

0 PLC ± -

1 PLC ± 0.4[.016]

2 PLC ± 0.25[.010]

3 PLC ± -

4 PLC ± -

ANGLES ± 2°

FINISH -

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DWN 15MAR2017
SHIVAKUMAR S S

CHK 15MAR2017
SANJAY SHINDIKAR

APVD 15MAR2017
SANJAY SHINDIKAR

PRODUCT SPEC

APPLICATION SPEC

WEIGHT -

CUSTOMER DRAWING

NAME

SIZE A2

CAGE CODE 00779

DRAWING NO C-2317656

RESTRICTED TO -

SCALE 1:1

SHEET 1 OF 3

REV A1

TE Connectivity

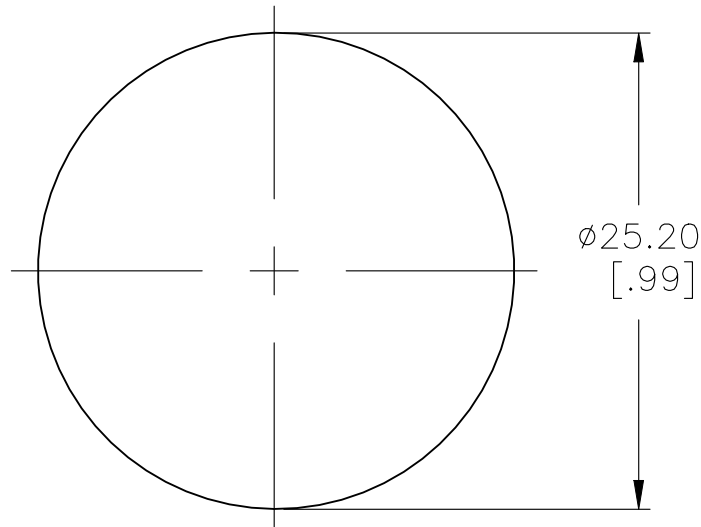
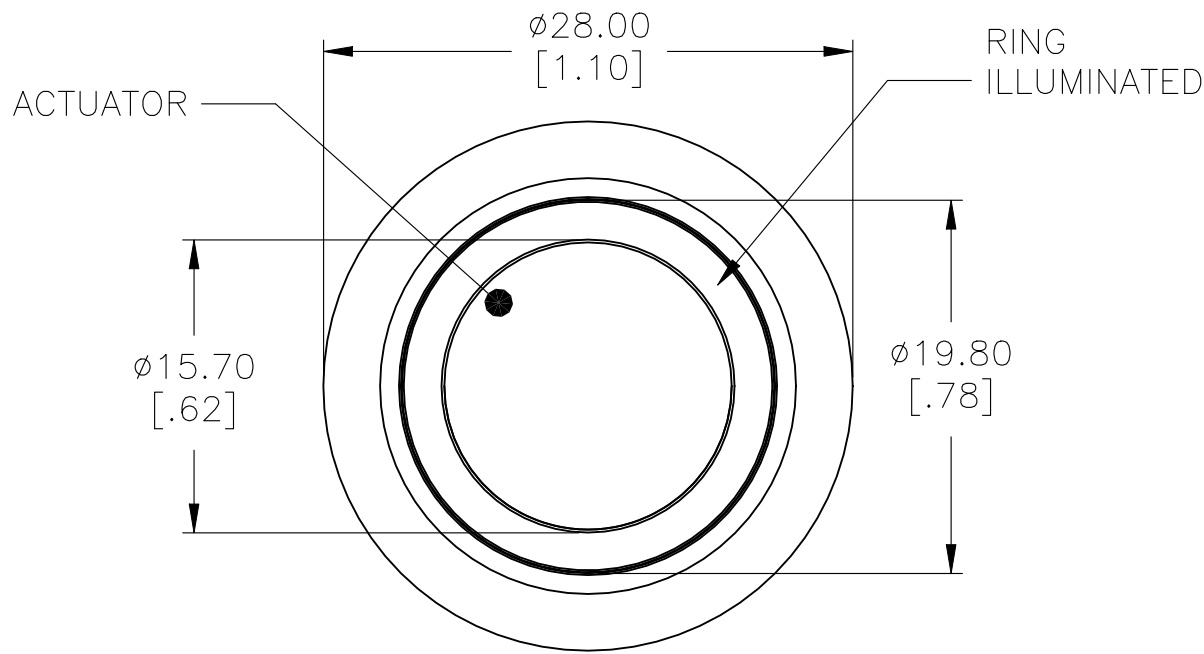
ANTI-VANDAL SWITCH 25mm,
SOLDER TERMINALS, MOVING RING LED

2317656

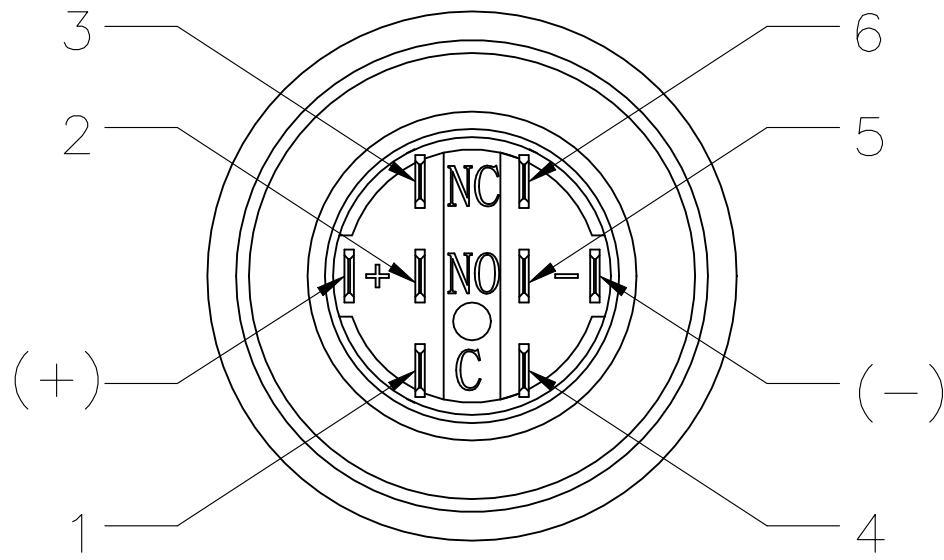
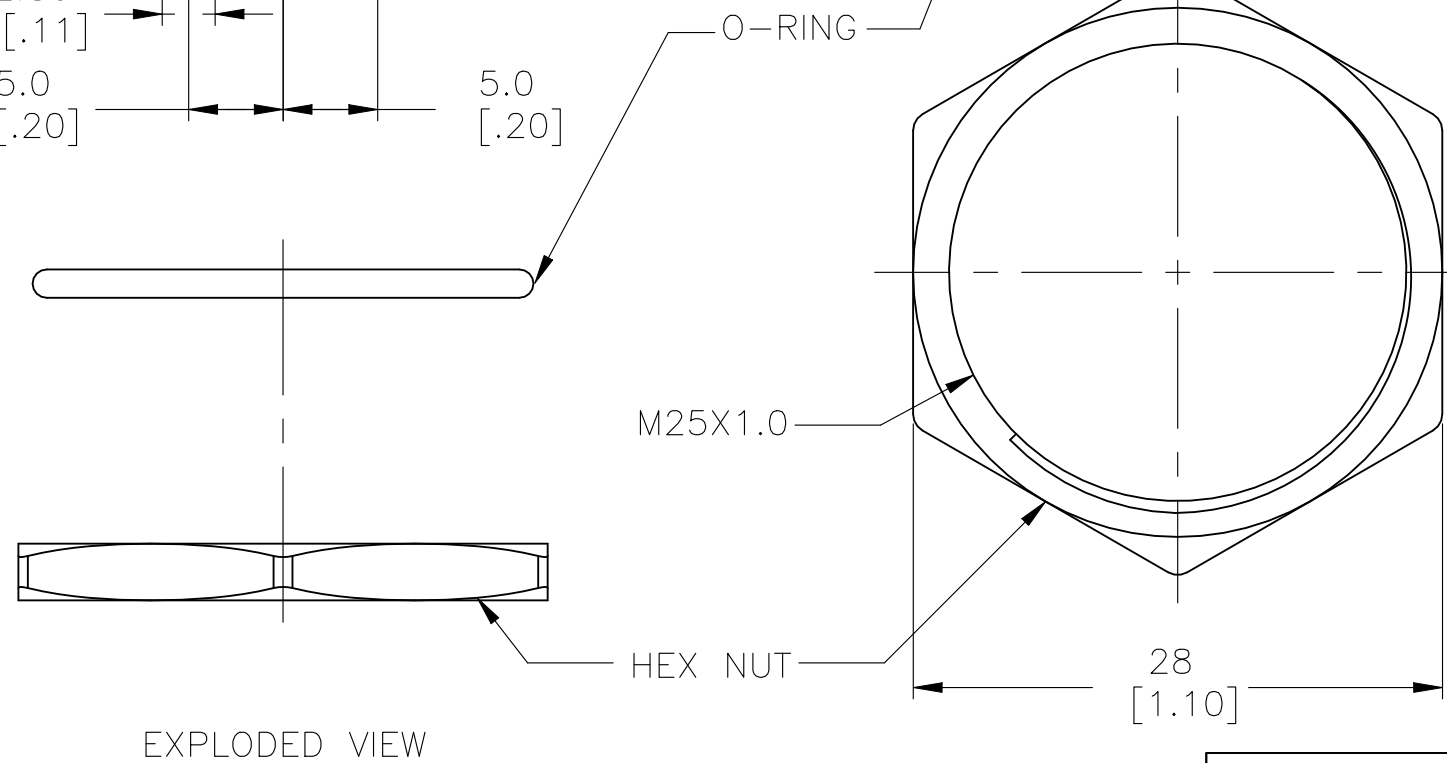
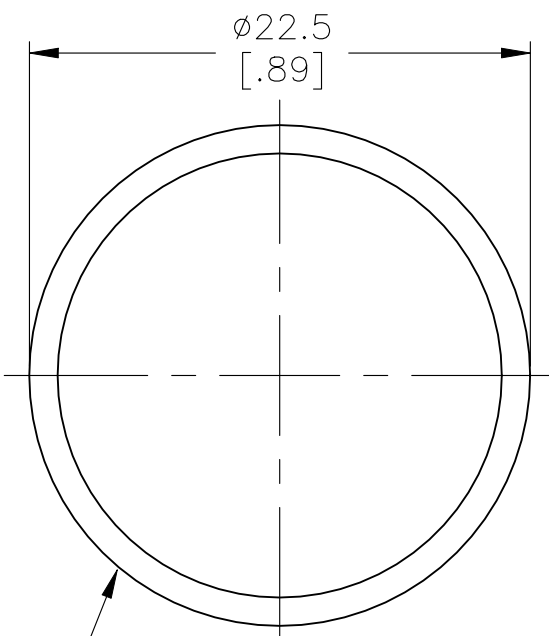
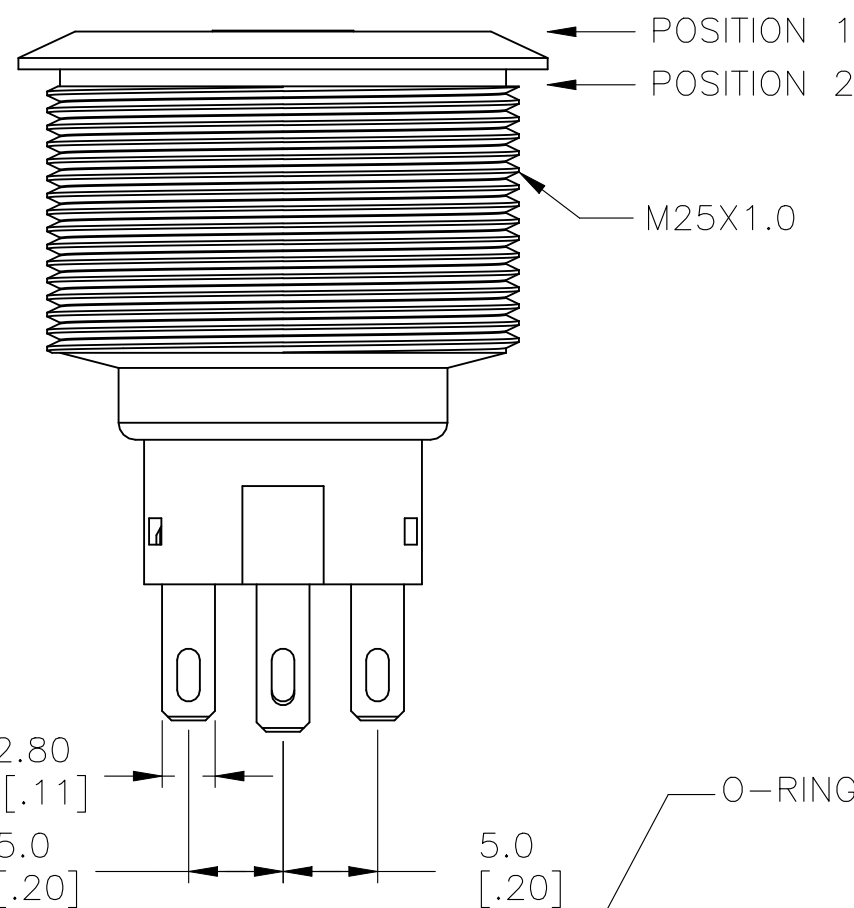
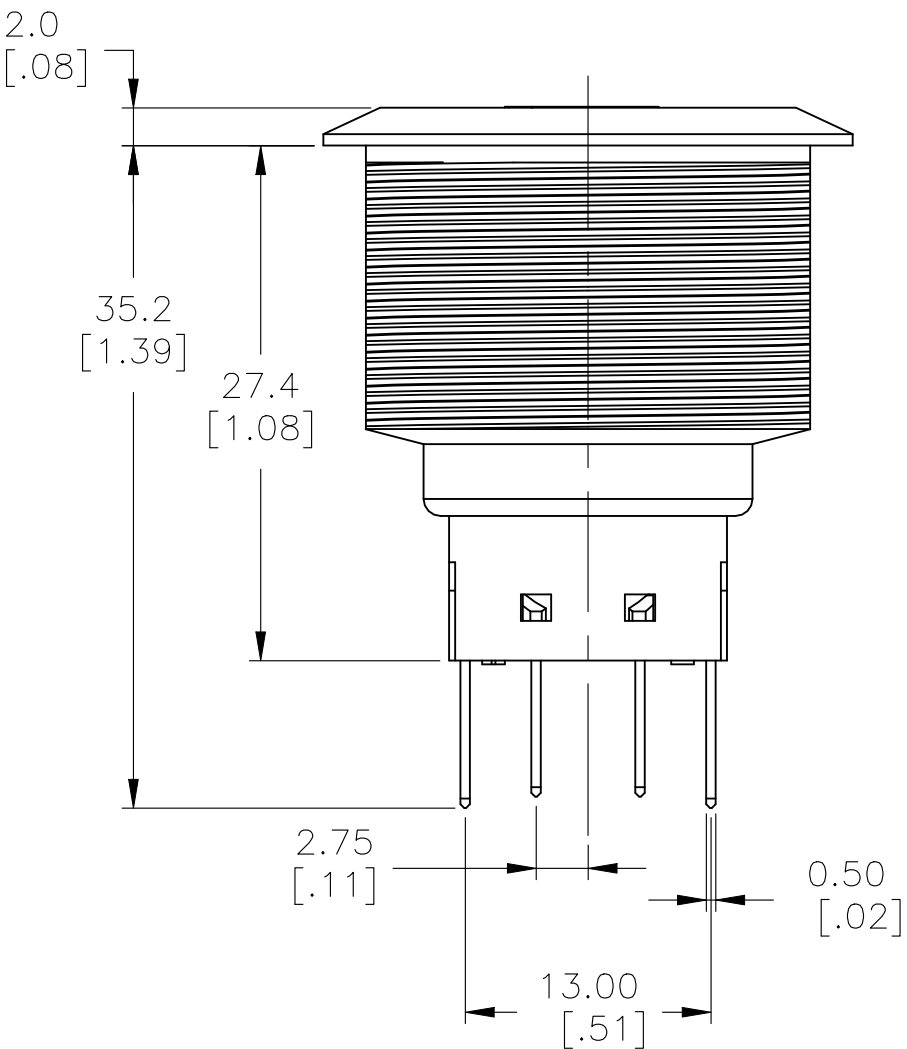
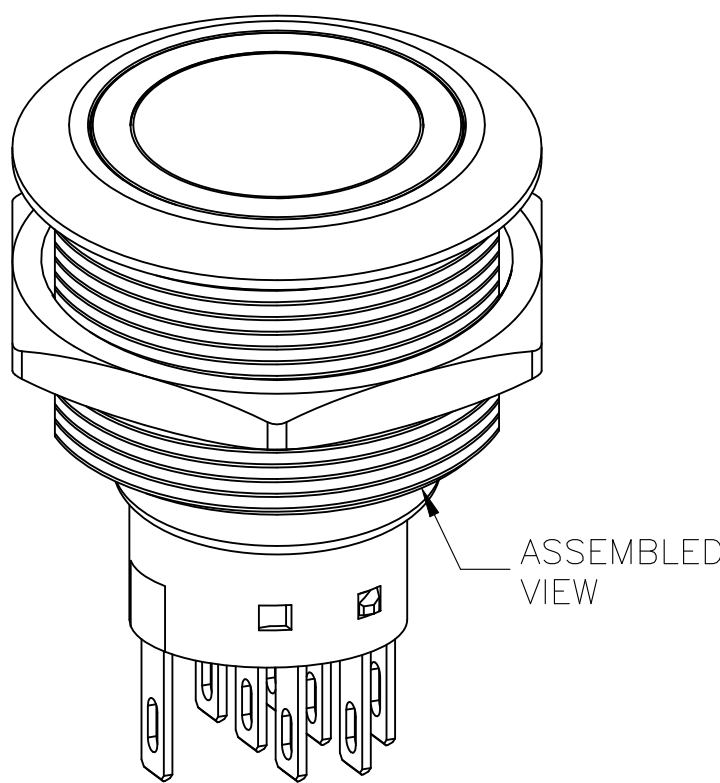
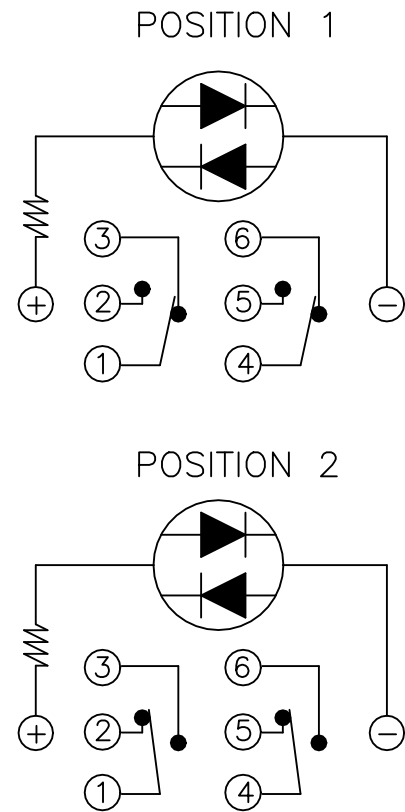
1471-9 (1/15)

DOUBLE POLE SWITCH

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



PANEL CUTOUT
MAX.PANEL THICKNESS: 10.0[.39]



THIS DRAWING IS A CONTROLLED DOCUMENT.			DWN 15MAR2017 SHIVAKUMAR S S		TE Connectivity		
DIMENSIONS: mm [INCHES]			CHK 15MAR2017 SANJAY SHINDIKAR	APVD 15MAR2017 SANJAY SHINDIKAR			
TOLERANCES, UNLESS OTHERWISE SPECIFIED:			PRODUCT SPEC		NAME		
0 PLC ± -			APPLICATION SPEC		ANTI-VANDAL SWITCH 25mm, SOLDER TERMINALS, MOVING RING LED		
1 PLC ± 0.4[.016]			WEIGHT 0		SIZE A2	CAGE CODE 00779	DRAWING NO C-2317656
2 PLC ± 0.25[.010]			CUSTOMER DRAWING		SCALE 1:1	SHEET 2 OF 3	REV A1
3 PLC ± -							
4 PLC ± -							
ANGLES ± 2°							
FINISH -							

4		3		2		1					
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							-	SEE SHEET 1	-	-	-
SILVER	MOVING RING	SOLDER TERMINAL	DOUBLE POLE - LOCKING	BLUE	24	AV2521E724Q04	4-2317656-0				
				BLUE	12	AV2521E712Q04	3-2317656-9				
				GREEN	24	AV2521E624Q04	3-2317656-8				
				GREEN	12	AV2521E612Q04	3-2317656-7				
				YELLOW	24	AV2521E524Q04	3-2317656-6				
				YELLOW	12	AV2521E512Q04	3-2317656-5				
				RED	24	AV2521E324Q04	3-2317656-4				
				RED	12	AV2521E312Q04	3-2317656-3				
				WHITE	24	AV2521E124Q04	3-2317656-2				
				WHITE	12	AV2521E112Q04	3-2317656-1				
				DOUBLE POLE - MOMENTARY	BLUE	24	AV2520E724Q04	3-2317656-0			
					BLUE	12	AV2520E712Q04	2-2317656-9			
					GREEN	24	AV2520E624Q04	2-2317656-8			
					GREEN	12	AV2520E612Q04	2-2317656-7			
					YELLOW	24	AV2520E524Q04	2-2317656-6			
					YELLOW	12	AV2520E512Q04	2-2317656-5			
					RED	24	AV2520E324Q04	2-2317656-4			
					RED	12	AV2520E312Q04	2-2317656-3			
					WHITE	24	AV2520E124Q04	2-2317656-2			
					WHITE	12	AV2520E112Q04	2-2317656-1			
			SINGLE POLE - LOCKING	BLUE	24	AV2511E724Q04	2-2317656-0				
				BLUE	12	AV2511E712Q04	1-2317656-9				
				GREEN	24	AV2511E624Q04	1-2317656-8				
				GREEN	12	AV2511E612Q04	1-2317656-7				
				YELLOW	24	AV2511E524Q04	1-2317656-6				
				YELLOW	12	AV2511E512Q04	1-2317656-5				
				RED	24	AV2511E324Q04	1-2317656-4				
				RED	12	AV2511E312Q04	1-2317656-3				
				WHITE	24	AV2511E124Q04	1-2317656-2				
				WHITE	12	AV2511E112Q04	1-2317656-1				
			SINGLE POLE - MOMENTARY	BLUE	24	AV2510E724Q04	1-2317656-0				
				BLUE	12	AV2510E712Q04	2317656-9				
				GREEN	24	AV2510E624Q04	2317656-8				
				GREEN	12	AV2510E612Q04	2317656-7				
				YELLOW	24	AV2510E524Q04	2317656-6				
				YELLOW	12	AV2510E512Q04	2317656-5				
				RED	24	AV2510E324Q04	2317656-4				
				RED	12	AV2510E312Q04	2317656-3				
				WHITE	24	AV2510E124Q04	2317656-2				
				WHITE	12	AV2510E112Q04	2317656-1				
CONTACT FINISH	LIGHT TYPE	TERMINAL OPTION	POLE/THROW	LED COLOR	LED VOLTAGE	TE DESCRIPTIVE PART NUMBER	TE PART NUMBER				
				THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 15MAR2017 SHIVAKUMAR S S		TE Connectivity			
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		CHK 15MAR2017 SANJAY SHINDIKAR		NAME		ANTI-VANDAL SWITCH 25mm, SOLDER TERMINALS, MOVING RING LED			
		0 PLC ± - 1 PLC ± 0.4[.016] 2 PLC ± 0.25[.010] 3 PLC ± - 4 PLC ± - ANGLES ± 2°		APVD 15MAR2017 SANJAY SHINDIKAR		SIZE		CAGE CODE	DRAWING NO	RESTRICTED TO	
				PRODUCT SPEC		APPLICATION SPEC		00779		C-2317656	
MATERIAL -		FINISH -		WEIGHT 0		SCALE 1:1		SHEET 3 OF 3		REV A1	
				CUSTOMER DRAWING							

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[2-2317656-2](#)