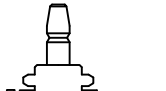
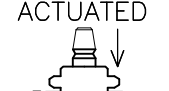
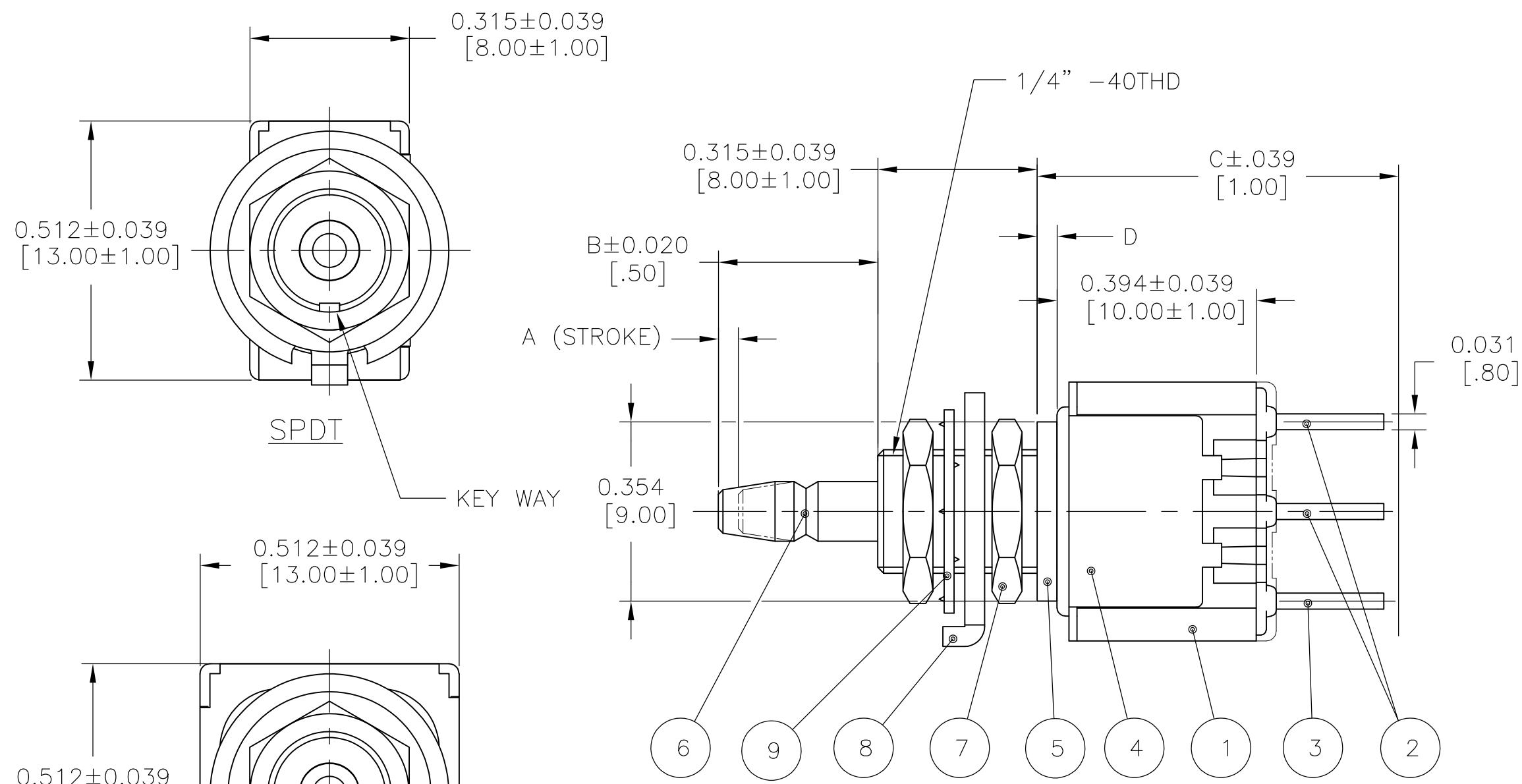


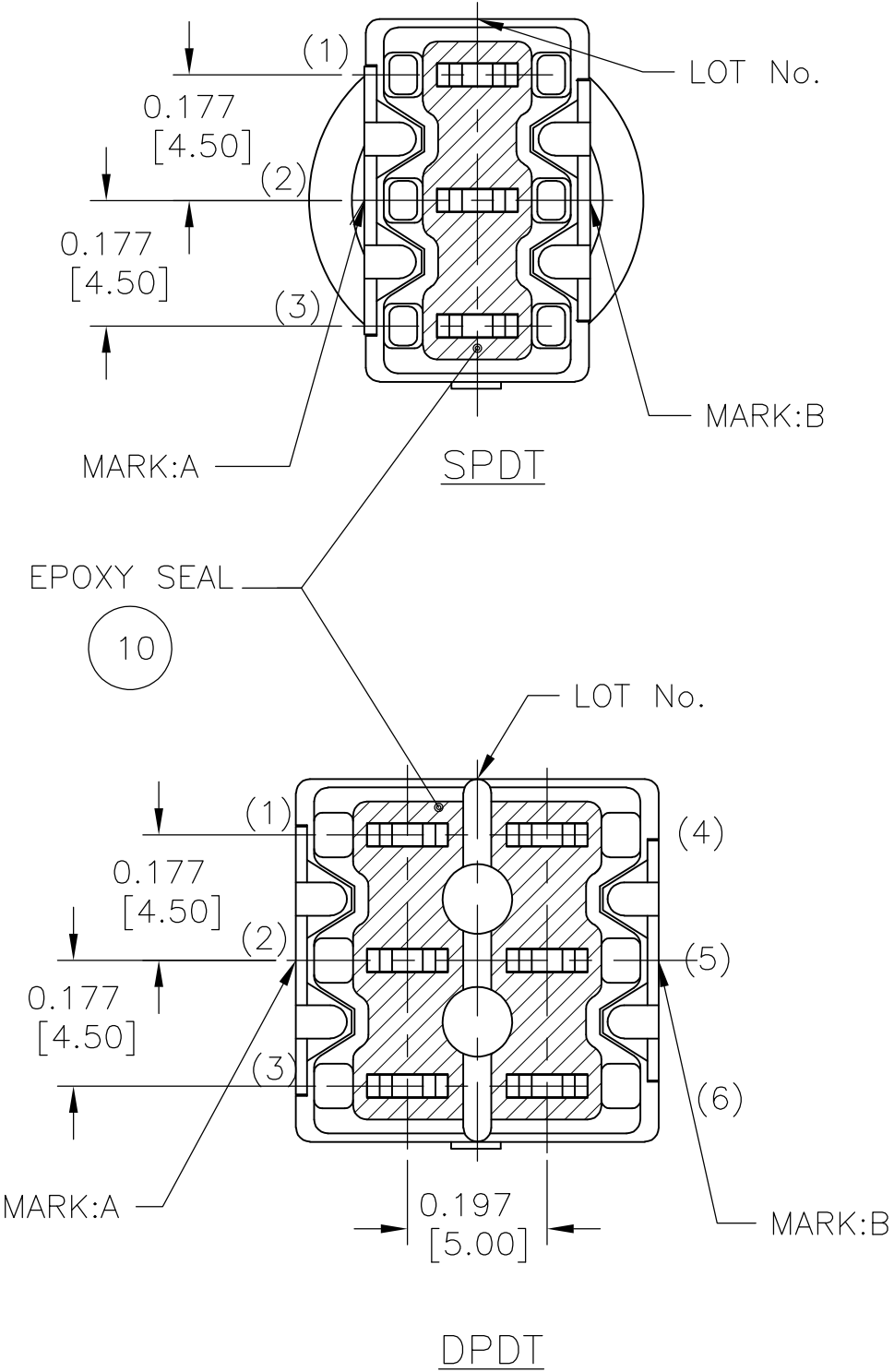
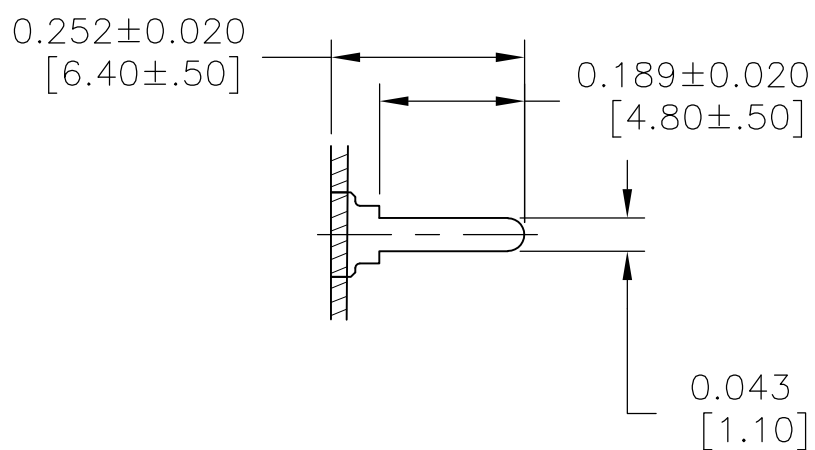
LOC —	DIST —	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
			B2	REVISED PER ECO-14-000329	10JAN2014	NK	RH

		DIMENSION				OPERATING FORCE	PART NUMBER	TYPE	MARK			
		A	B	C	D				MARK:A	MARK:B		
	ON-ON	.098 [2.5]	.331 [8.4]	.744 [18.9]	.098 [2.5]		1977740-1 MPS103DPC	SPDT	MPS103D ALCO	AC 3A 125V ON ON C	3-2	3-1
MOMENTARY	ON-(ON)	.039 [1]	.315 [8]	.685 [17.4]	.039 [1]		1977740-2 MPS103FPC		MPS103F ALCO	AC 3A 125V NO NC C		(3)-(1)
	ON-ON	.098 [2.5]	.331 [8.4]	.744 [18.9]	.098 [2.5]		1977740-3 MPS203NPC	DPDT	MPS203N ALCO	AC 3A 125V ON ON C	3-2 6-5	3-1 6-4
MOMENTARY	ON-(ON)	.039 [1]	.315 [8]	.685 [17.4]	.039 [1]		1977740-4 MPS203RPC		MPS203R ALCO	AC 3A 125V NO NC C		(3)-(1) (6)-(4)

NOTE: TERMINALS 4,5,6 ARE FOUND ONLY ON DP VERSIONS (-3, -4)



TERMINAL FORM

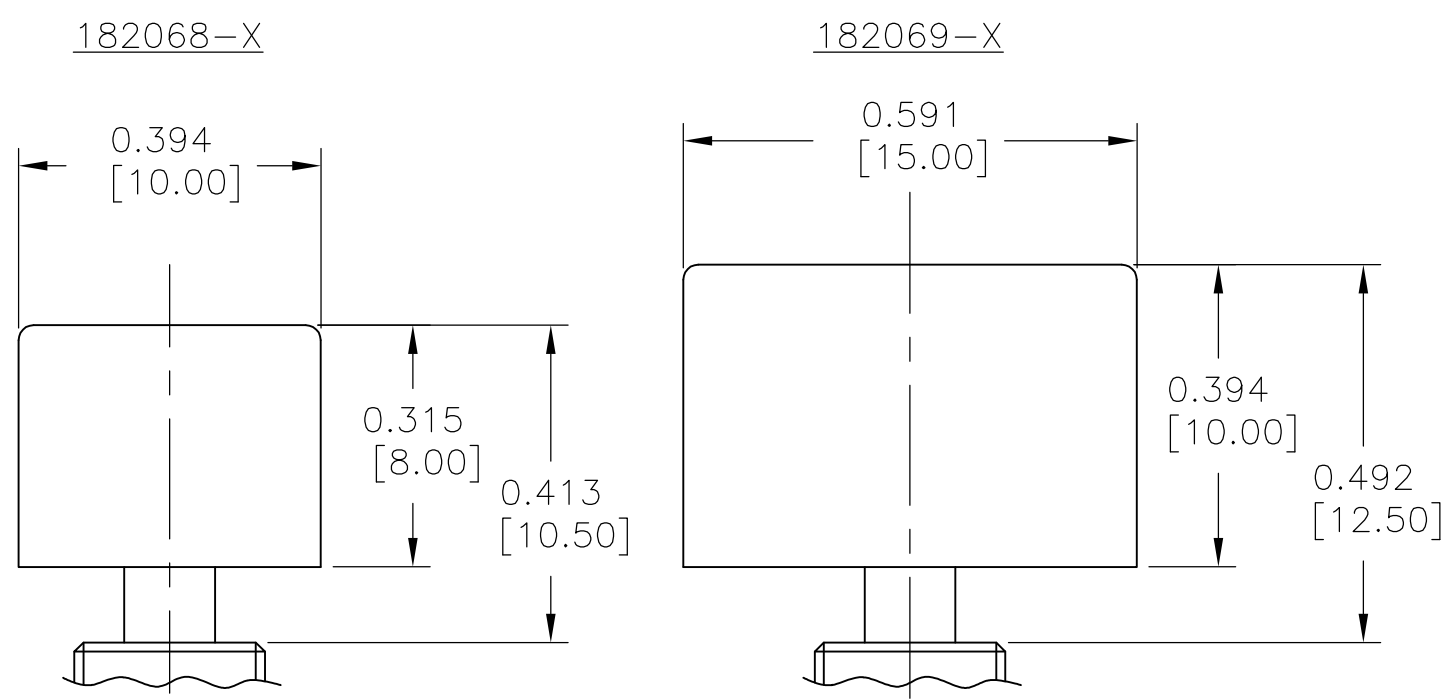


SPECIFICATIONS:

- 1 RATING: 3A 125V AC (RESISTIVE LOAD)
- 2 INITIAL CONTACT RESISTANCE: 10mΩ MAX. AT 1A 2~4V DC.
- 3 INITIAL INSULATION RESISTANCE: 1,000MΩ MIN. AT 500V DC.(BETWEEN TERMINALS AND TERMINAL-GROUND)
- 4 INITIAL DIELECTRIC STRENGTH: 1,000V AC FOR 1 MINUTE.(BETWEEN TERMINALS AND TERMINAL-GROUND)
- 5 DURABILITY: 25,000 CYCLES
- 6 LEAKAGE CURRENT: 500μA MAX.AT RATING VOLTAGE FOR 5 SECONDS.
AFTER ELECTRICAL ENDURANCE (BETWEEN TERMINALS AND TERMINAL-GROUND)

OPERATING FORCE:

- | | |
|----|---|
| 7 | $3.92 \pm 1.96N.(400 \pm 200gf)$ |
| 8 | $4.9 \pm 2.94N.(500 \pm 300gf)$ |
| 9 | $2.94 \pm 0.98N.(300 \pm 100gf)$ |
| 10 | $4.9 \pm 1.96N.(500 \pm 200gf)$ |
| 11 | OPERATING TEMP: $-20 \sim +85^{\circ}C$
STORAGE TEMP: $-40 \sim +85^{\circ}C$ |
| 12 | ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS). |
| 13 | LASER MARKING USED FOR MARKS. |

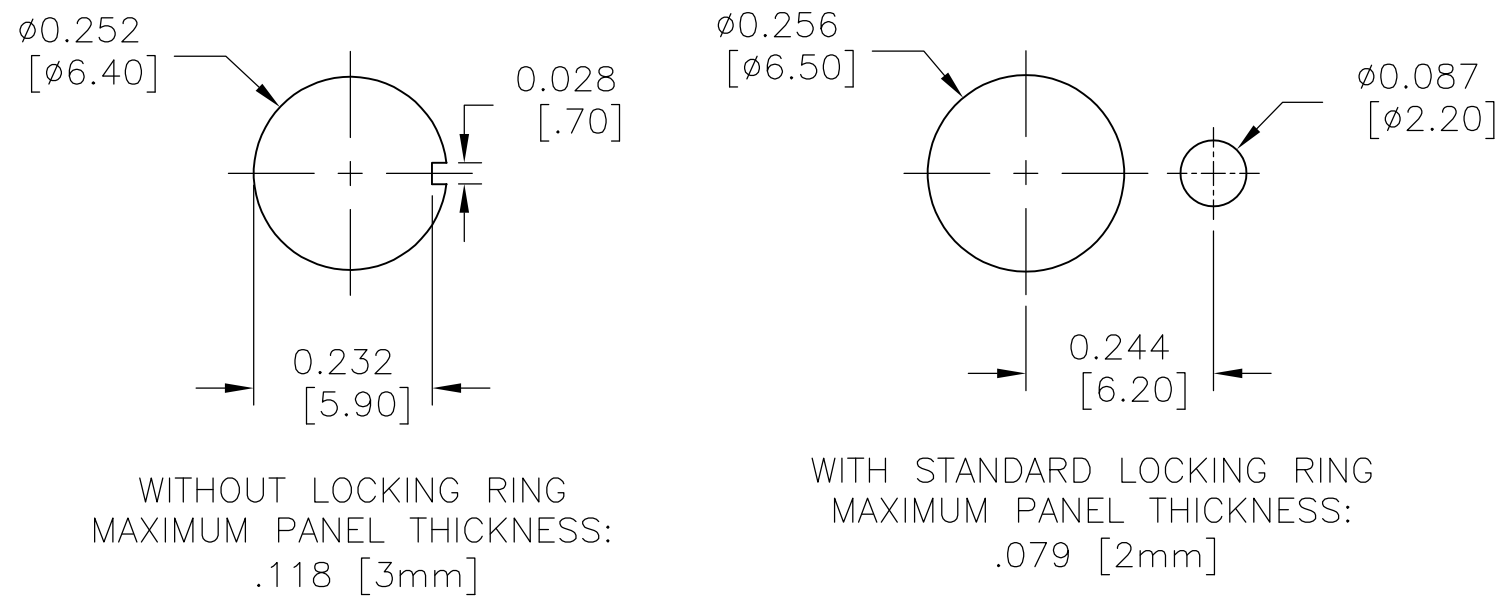


BUTTON CAP

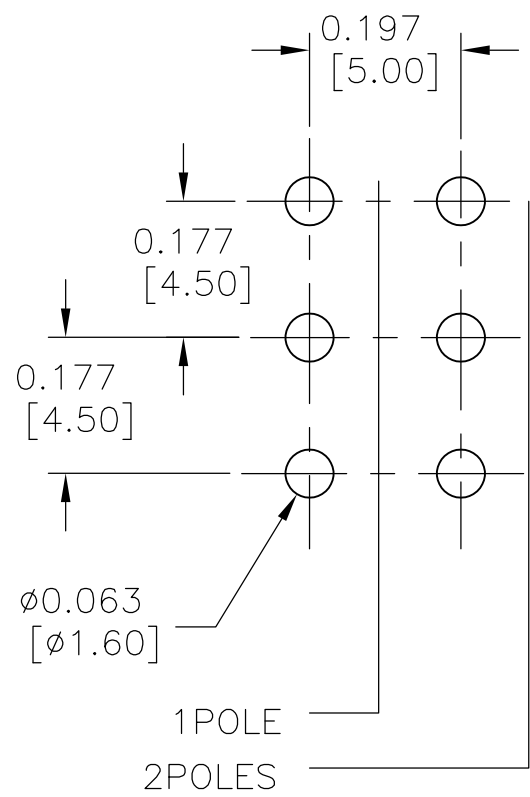
SOLD SEPARATELY

SEE DRAWINGS 1825068 (ø.394 [10 MM]) &
1825069 (ø.591 [15 MM])
FOR COLOR CHOICES

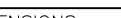
PANEL CUT-OUTS



PC BOARD DRILLING



A/R	A/R	BLUE	—	EPOXY	10
1	1	ZINC PLATE	CARBON TOOL STEEL	TOOTH WASHER	9
1	1	ZINC PLATE	COLD ROLLED STEEL	LOCATING RING	8
2	2	NICKEL PLATE	BRASS	HEX NUT	7
1	1	NICKEL PLATE	BRASS	PLUNGER	6
1	1	NICKEL PLATE	BRASS	MOUNTING SLEEVE	5
1	1	—	STAINLESS STEEL	FRAME	4
2	1	SILVER PLATE	BRASS	COMMON TERMINAL	3
4	2	SILVER PLATE	SILVER + BRASS	FIXED CONTACT	2
1	1	(BLUE)	EPOXY RESIN	CASE	1
2	1	FINISH (COLOR)	MATERIALS	PARTS	NO
POLES	QTY				

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWG. RAGHAVENDRA 28JAN11 CHK. EPPLEY NAZ 28JAN11		 TE Connectivity	
DIMENSIONS: INCHES [mm]		TO DIMENSIONS UNLESS OTHERWISE SPECIFIED:		NAME	
		0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± .010 [25] 4 PLC ± - ANGLES ± -		MPS SERIES PUSHBUTTON MPS103 (SPDT) & MP5203 (DPDT) PCB TERMINATION	
MATERIAL -		WEIGHT -		SIZE CAGE CODE DRAWING NO A1 00779 C 1977740	
FINISH -		CUSTOMER DRAWING		RESTRICTED TO - SCALE 4:1 SHEET 1 OF 1 REV B	

Mouser Electronics

Authorized Distributor

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

[TE Connectivity:](#)

[MPS103DPC](#)