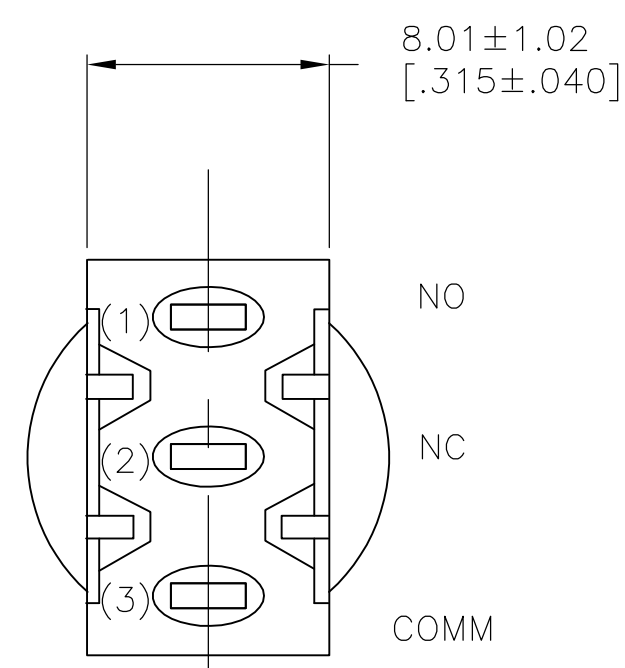
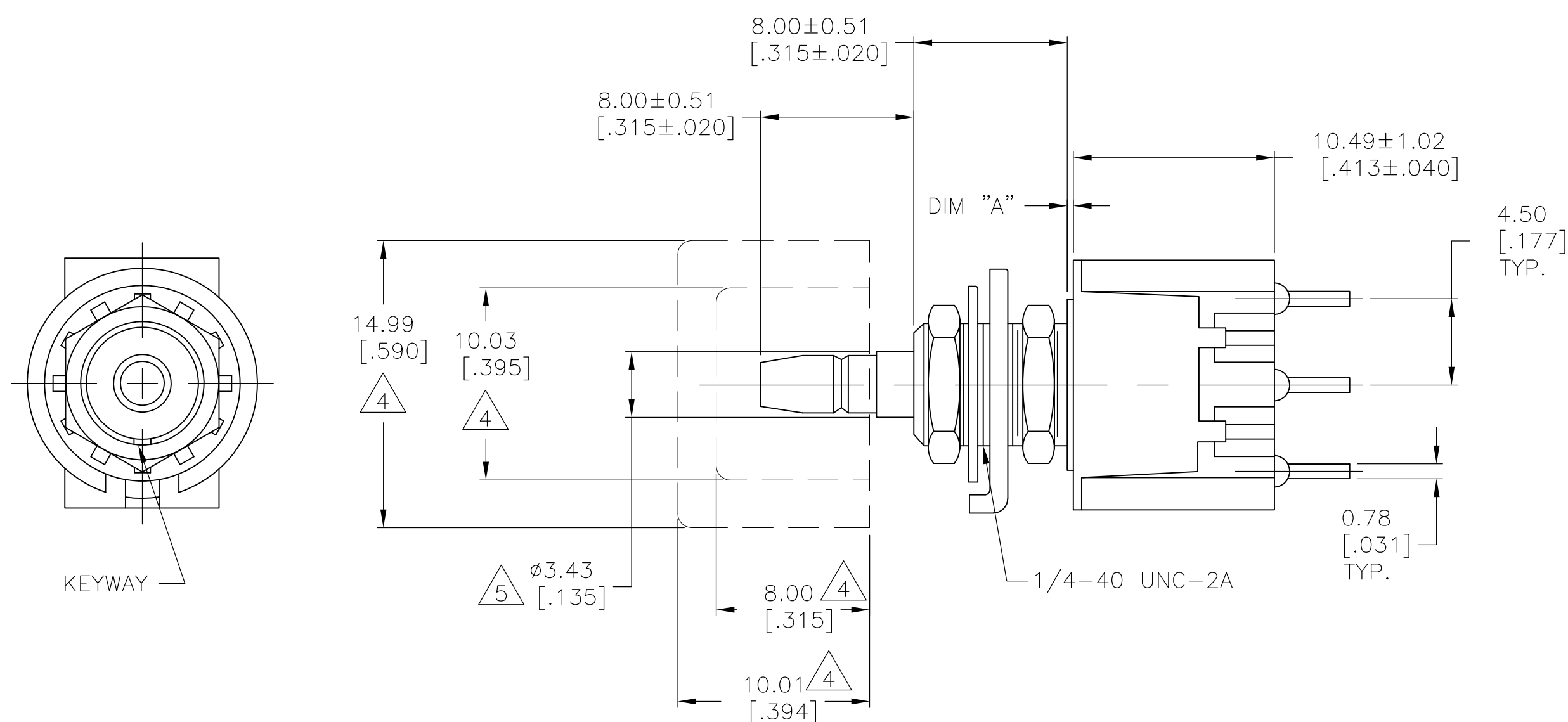
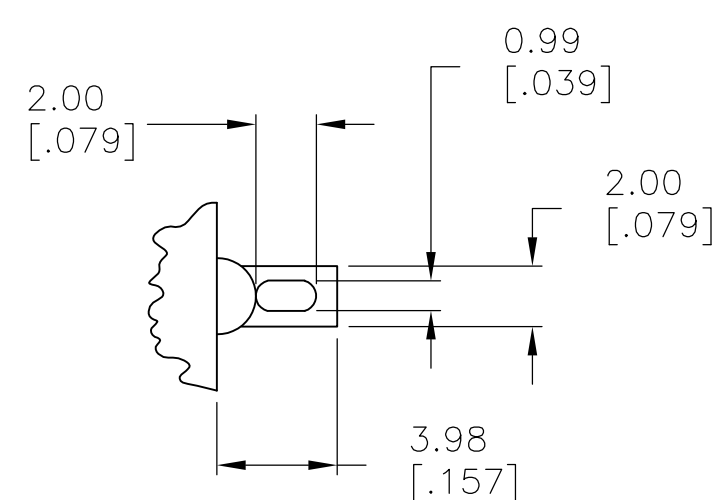
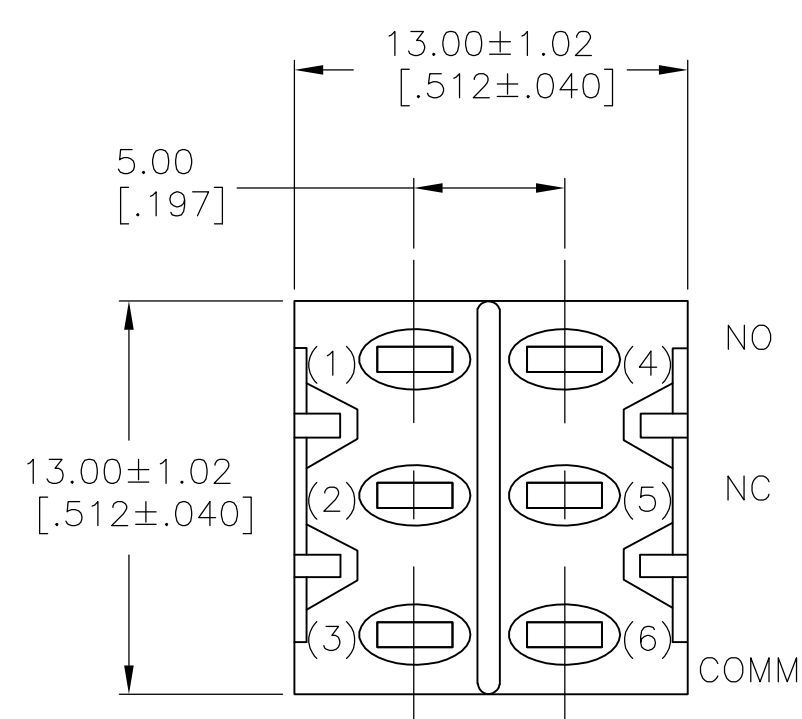




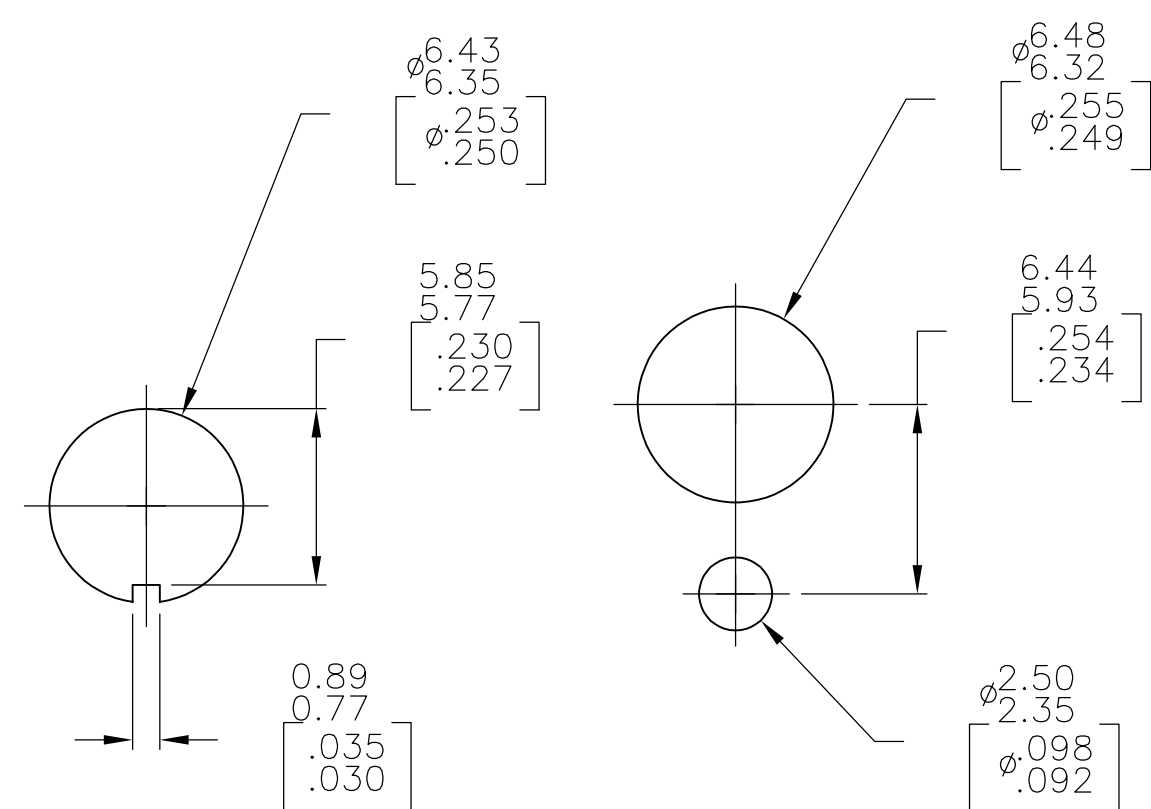
SINGLE POLE



TERMINAL VIEW



DOUBLE POLE



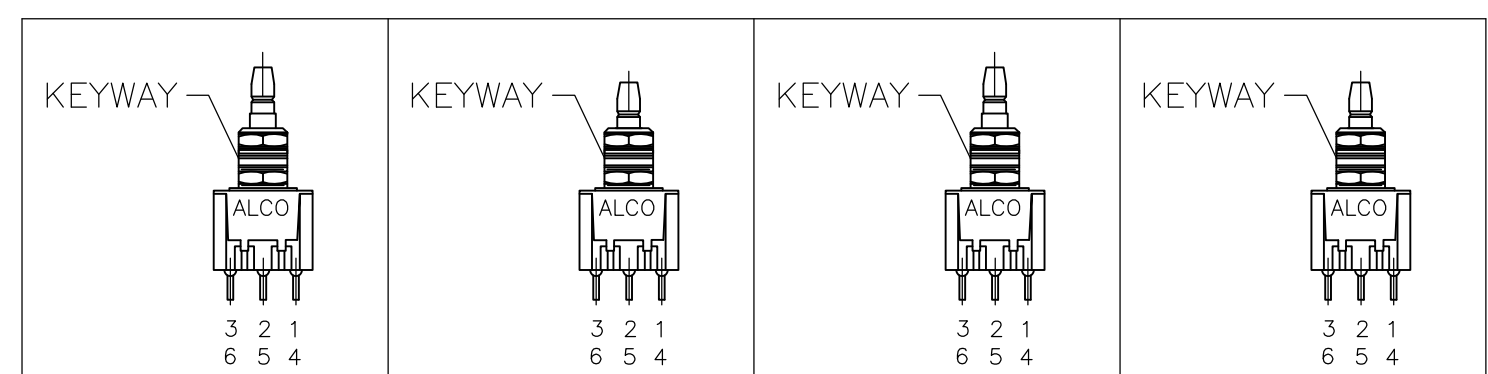
RECOMENDED HOLE LAYOUT
TO PREVENT ROTATION

NOTES:

1. TERMINAL NUMBERS ARE FOR REFERENCE ONLY AND DO NOT APPEAR ON SWITCHES.
2. EACH SWITCH SUPPLIED WITH THE FOLLOWING MOUNTING HARDWARE:
 - (2) 1/4-40 UNS-2B HEX NUTS
 - (1) INTERNAL TOOTH LOCKWASHER
 - (1) LOCATING RING
3. ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS).
4. SWITCH DOES NOT INCLUDE PLASTIC CAP.DIMENSIONS SHOWN DESCRIBE ALCOSWITCH CAP C22* AND C23* FOUND ON DRAWINGS1825068 & 1825069 AND SOLD SEPARATELY.
5. .135 DIMENSION APPLIES TO MPS103D04 AND MPS203N04 ONLY.

SPECIFICATIONS	
RATING	3A @ 125VAC, RESISTIVE LOAD
INITIAL CONTACT RESISTANCE	10 MILLIOHMS MAX @ 1A, 2-4 VDC
INSULATION RESISTANCE	1,000 MEGOHMS MIN. @ 500VDC
DIELECTRIC WITHSTANDING VOLTAGE	1,000 VRMS AT SEA LEVEL
DURABILITY	25,000 CYCLES AT RATED CURRENT, 25-30 CYCLES PER MIN.
OPERATING FORCE	MPS103* = 300 +/-100 GRAMS MPS203* = 550 +/-150 GRAMS
TRAVEL	MOMENTARY = .047 PUSH ON/PUSH OFF = .098
OPERATING TEMPERATURE	-15C TO +70C
STORAGE TEMPERATURE	-15C TO +70C

MATERIALS		
COMPONENT NAME	BASE MATERIAL	FINISH
CASE	EPOXY RESIN, UL94 V-0, BLACK	
FRAME	STAINLESS STEEL	NICKEL
ACTUATOR	COPPER ALLOY	SILVER
FIXED CONTACT	COPPER ALLOY	
MOVING CONTACT	PHOSPHOR BRONZE, SILVER CLAD	SILVER
TERMINALS	COPPER ALLOY	ZINC, CR3 COATED
LOCKWASHER	STEEL	ZINC, CR3 COATED
LOCATING RING	STEEL	NICKEL
HEX NUT	BRASS	



3-2, 6-5	3-1, 6-4	ON	(ON)	.040	2	2	MPS203R04	1825092-4
3-2, 6-5	3-1, 6-4	ON	ON	.100	2	2	MPS203N04	1825092-3
3-2	3-1	ON	(ON)	.040	2	1	MPS103F04	1825092-2
3-2	3-1	ON	ON	.100	2	1	MPS103D04	1825092-1
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CONNECTED TERMINALS		FUNCTION						

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWG. NO. A.E.	27 JUL 88	Tyco Electronics Corporation Harrison, PA 17105-3608	
DIMENSIONS: mm [INCHES]		TOLERANCES, UNLESS OTHERWISE SPECIFIED:	QW —	NAME	SNAP ACTION PUSHBUTTON SWITCH MPS103D, MPS103F, MPS203N AND MPS203R —
	0 PLC ± —	APVD —	PRODUCT SPEC	—	—
	1 PLC ± —	—	—	—	—
	2 PLC ± .010	—	APPLICATION SPEC	—	—
	3 PLC ± — ± .1°	—	—	—	—
MATERIAL SEE SPECIFICATION	FINISH SEE SPECIFICATION	WEIGHT —	SIZE	CAGE CODE	DRAWING NO
			A1	00779	C1825092
CUSTOMER DRAWING			SCALE	4:1	SHEET 1 OF 1
			REV	A	