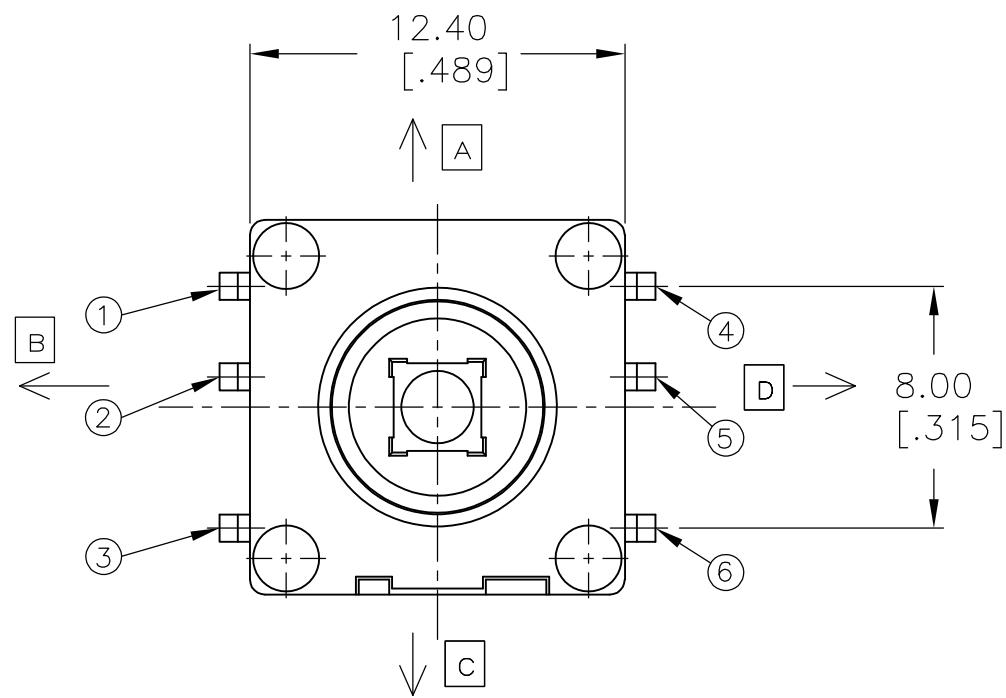
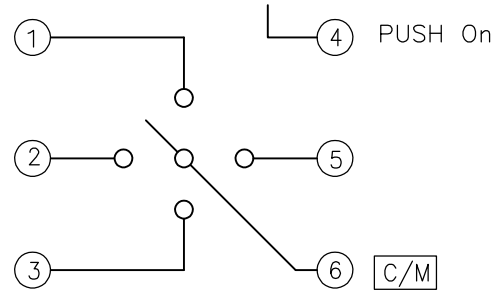




CIRCUIT DIAGRAM



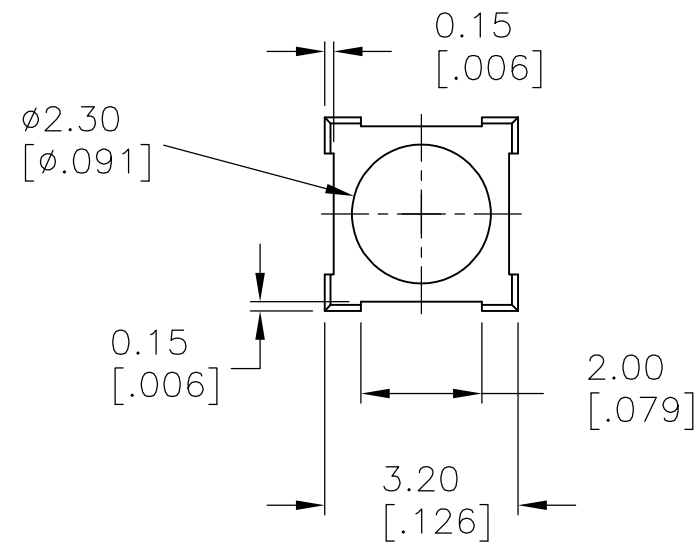
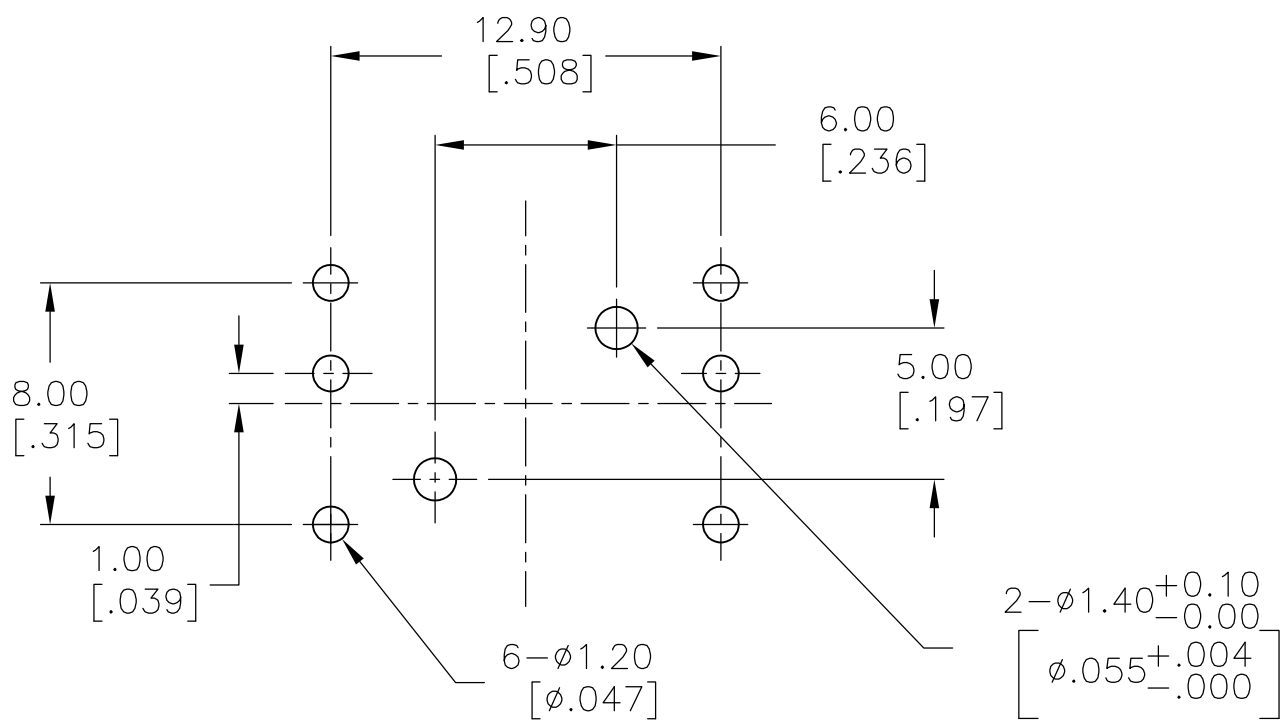
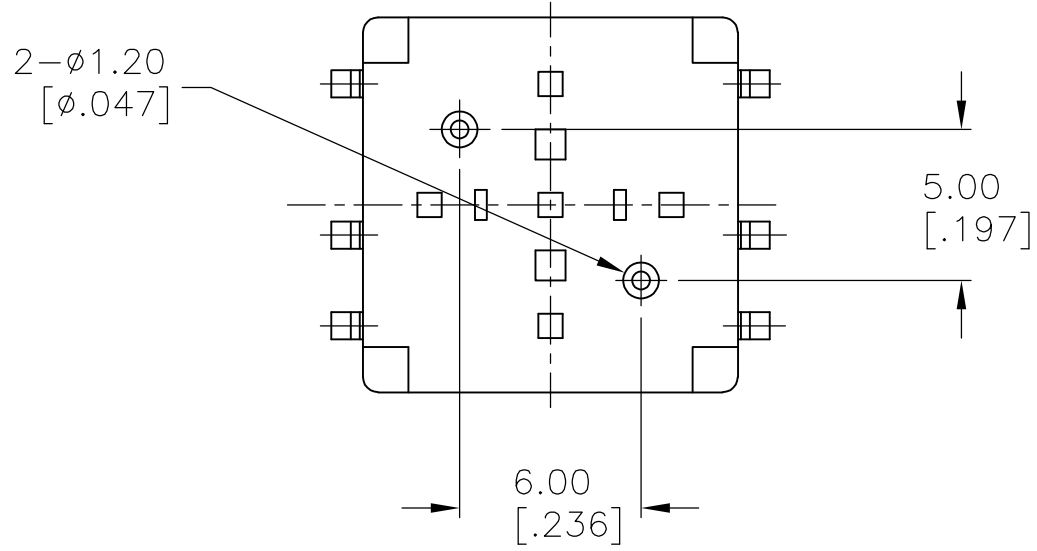
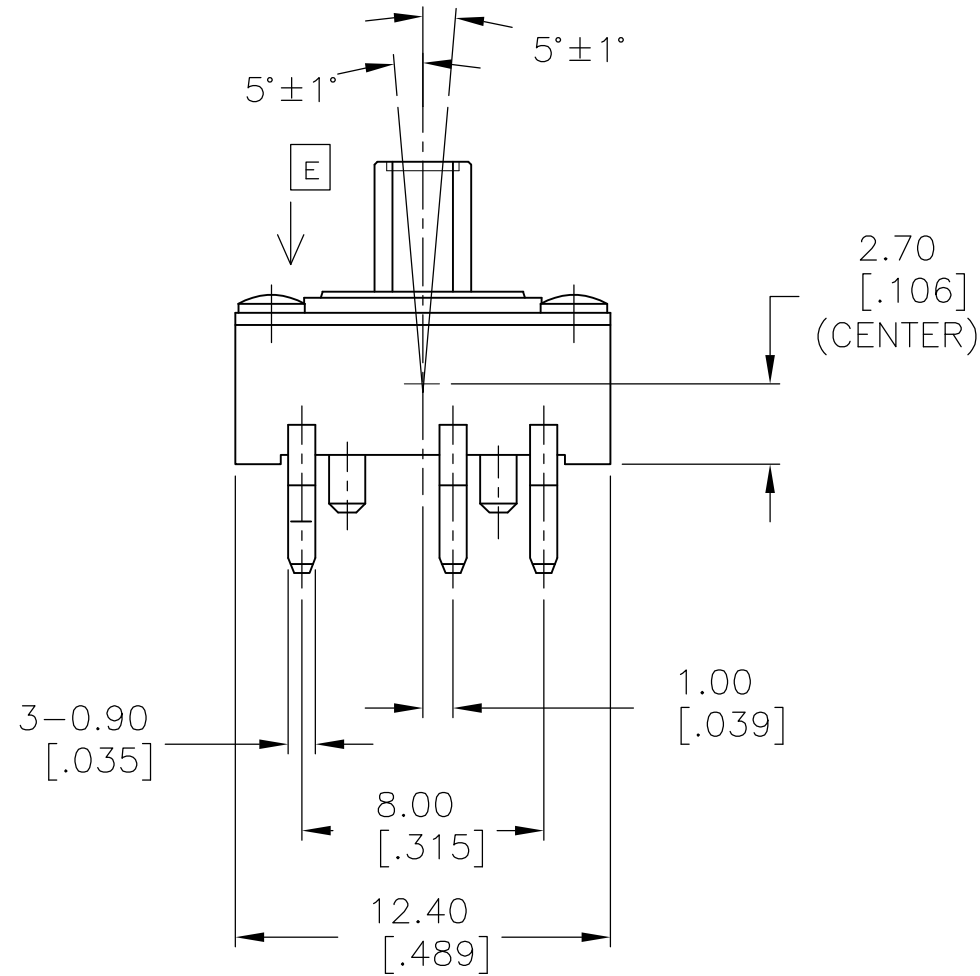
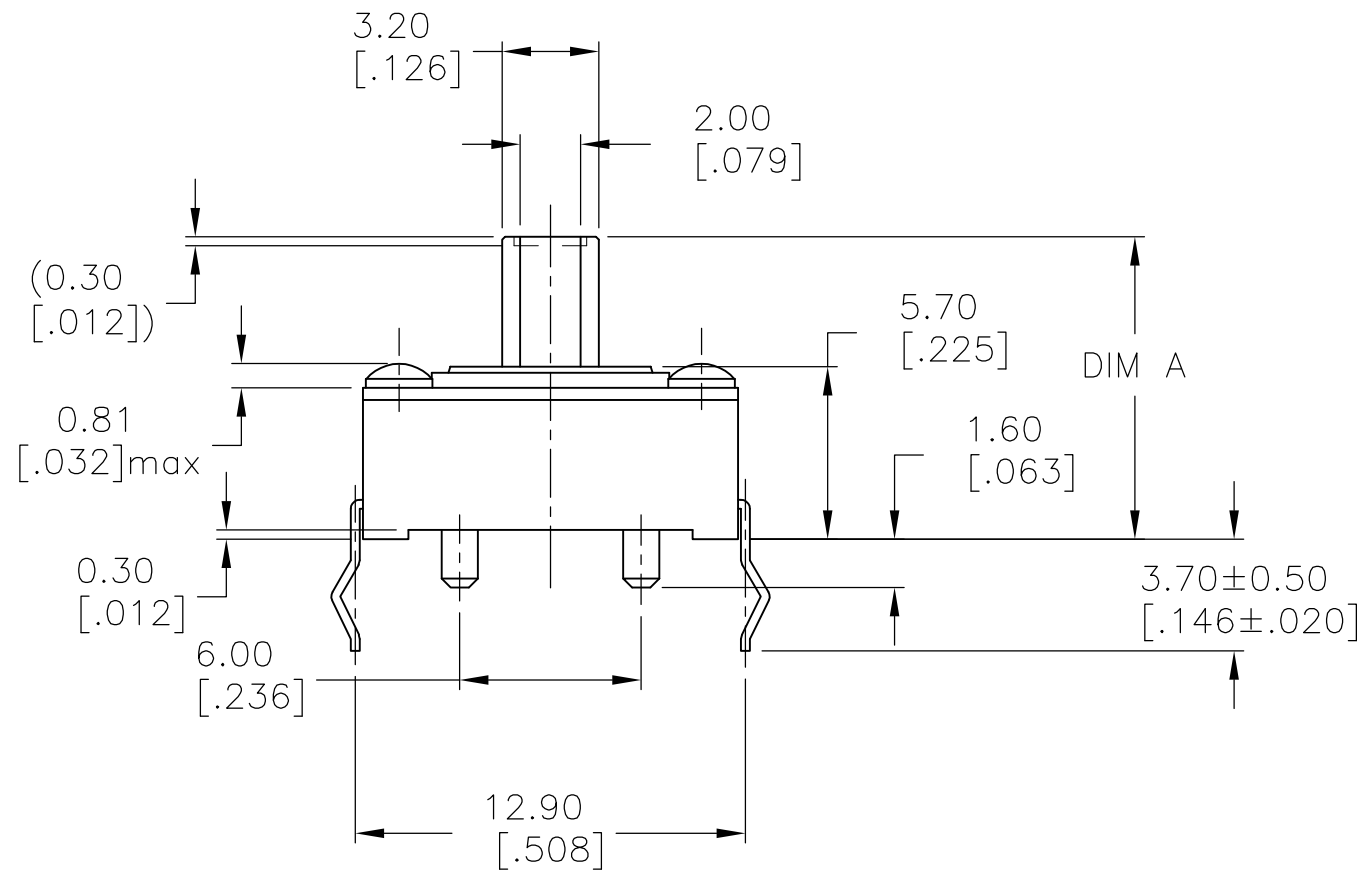
SPECIFICATIONS:
MATERIAL:
COVER, PET FILM
ACTUATOR, PBT, BLACK
CASE, NYLON, BLACK
TERMINAL, COPPER ALLOY, PLATING- SILVER/NICKEL
CONTACT, STAINLESS STEEL, PLATING- SILVER

ELECTRICAL:
MAX CONTACT RATING: 50MILLIAMPS@24V DC
MIN CONTACT RATING: 10MICROAMPS@1V DC
INITIAL CONTACT RESISTANCE, 100 MILLIOHMS MAX, PER EIA-364-23B, EACH POSITION
INSULATION RESISTANCE, 100 MEGOHM MIN. PER EIA-364-21C EACH POSITION
DIELECTRIC STRENGTH, 100 V AC FOR 1 MINUTE, PER EIA-364-20B, CONDITION 1, EACH POSITION.

MECHANICAL:
ACTUATION FORCE, SEE P/N TABLE
ACTUATION TRAVEL, .25 +/- .2 MM (CENTER PUSH), 5 +/- 1 DEGREES (4-DIRECTIONAL)
LIFE EXPECTANCY, (CENTER PUSH), 50,000 CYCLES MIN (40-50 CYCLES PER MINUTE), (4-DIRECTIONAL) 50,000 CYCLES MIN. (15-20 CYCLES PER MINUTE), 110% OF OPERATING FORCE, PER EIA-448 METHODS 8 AND 9
VIBRATION, PER EIA 364-28D, CONDITION VII, LEVEL E
MECHANICAL SHOCK, PER EIA-364-27C, CONDITION A

ENVIRONMENTAL:
OPERATING TEMPERATURE, -35 TO +85 DEGREES C
STORAGE TEMPERATURE, -35 TO +85 DEGREES C
HUMIDITY AND TEMPERATURE CYCLING PER EIA-364-31B, METHOD III
THERMAL SHOCK, PER EIA-364-32C, -35 TO +85 DEGREES C
SOLDERABILITY, PER EIA-364-52, CLASS 2, CATEGORY 1, TEMP, 255 DEGREES C MAX, TIME, 5 SECONDS MAX, 95% MINIMUM COVERAGE
RESISTANCE TO SOLDER HEAT, PER 109-202 CONDITION B

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



200 +70/-50 GF	800 +/-100 GF	Gray	14.00	FSMMD6	1571515-2
200 +70/-50 GF	350 +100/-50 GF	Black	10.00	FSMMD1	1571515-1
Actuation Force, Side Push	Actuation Force, Center Push	Actuator Color	DIM A	Alco P/N	Tyco P/N
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R BROWN	10APR03	Tyco Electronics Corporation Harriaburg, Pa 17105-3608	
DIMENSIONS: mm [INCHES]		CHK M SARVER	22SEP03		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M SARVER	22SEP03	NAME Pushbutton Switch, Multi-Directional Actuation, THRU-HOLE	
0 PLC ± -		PRODUCT SPEC		-	
1 PLC ± -		APPLICATION SPEC		-	
2 PLC ± 0.30[.012]		SIZE		CAGE CODE	
3 PLC ± -		DRAWING NO		RESTRICTED TO	
4 PLC ± -		WEIGHT		A100779	
ANGLES ± 1°		CUSTOMER DRAWING		SCALE 1:1	
FINISH -		SHEET 1 OF 1		REV F	