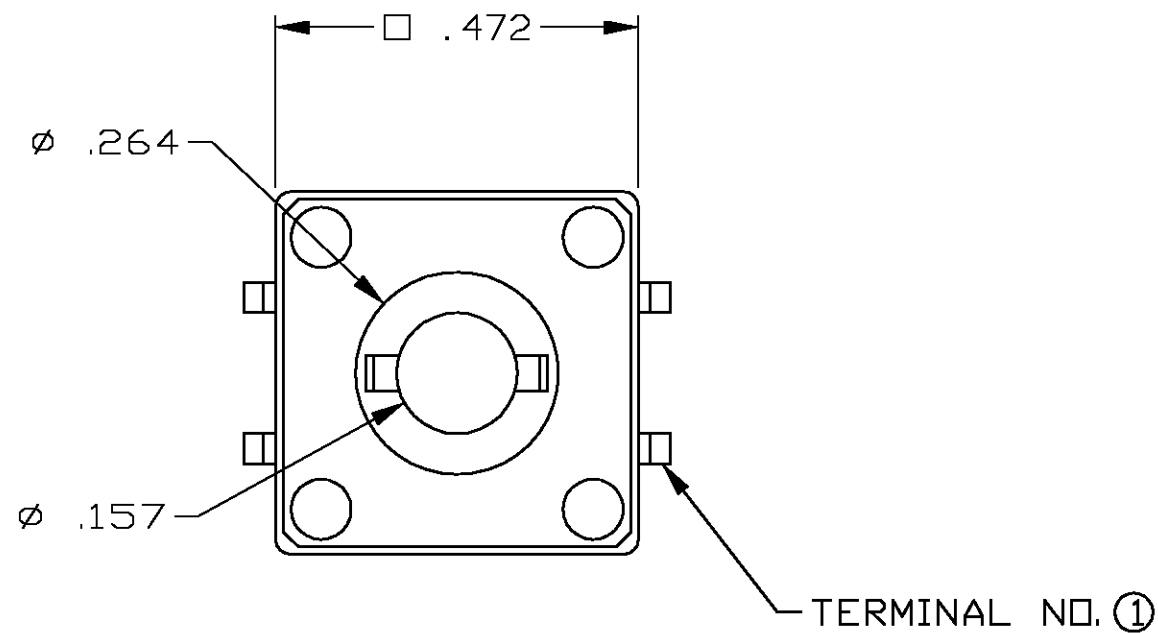
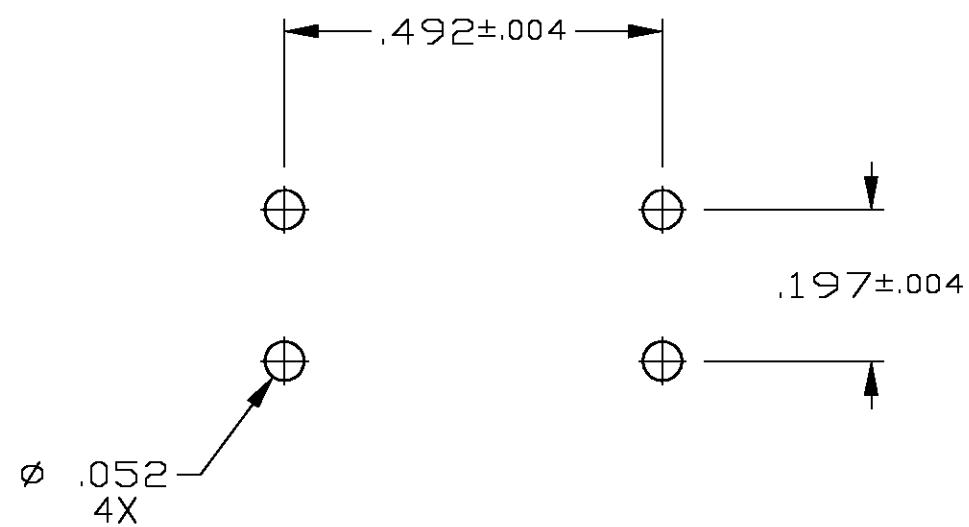
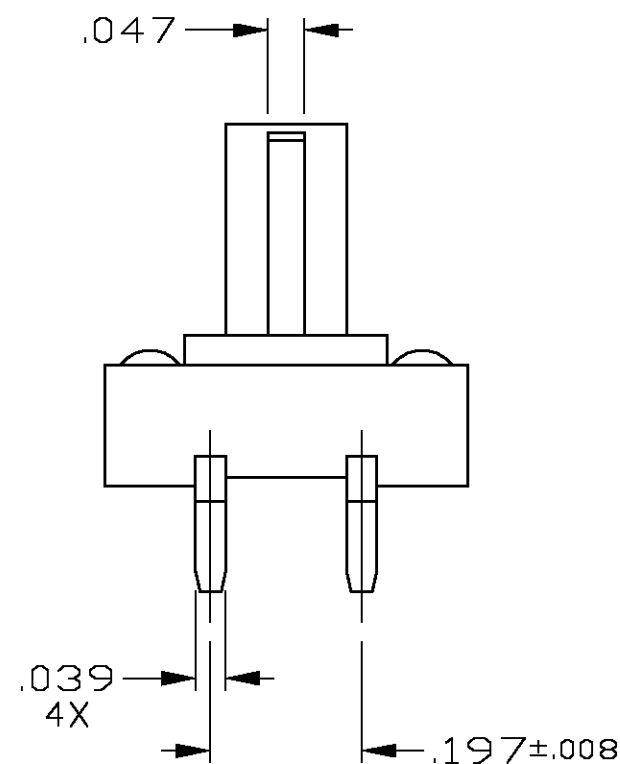
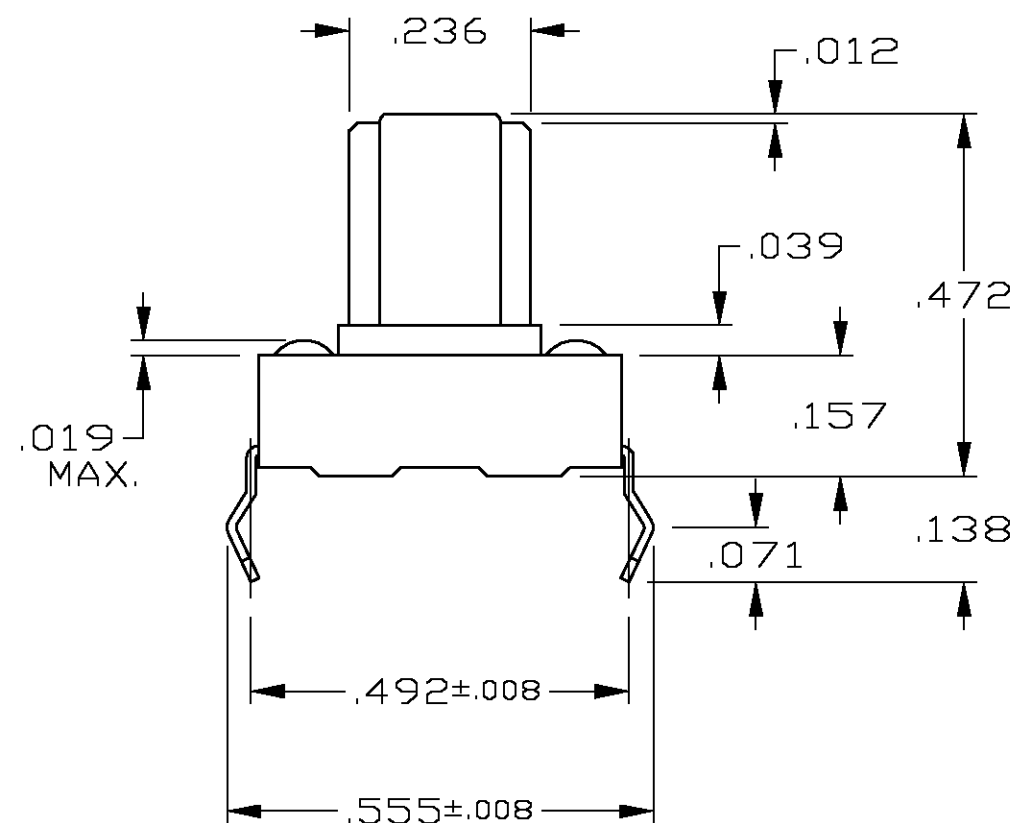


CIRCUIT DIAGRAM
NOTE: TERMINAL NUMBERS ARE FOR REFERENCE ONLY AND DO NOT APPEAR ON SWITCHES.



RECOMMENDED HOLE LAYOUT
TOLERANCE ±.002 UNLESS OTHERWISE NOTED

SPECIFICATIONS:

MATERIALS:
CASE: POLYESTER, BLACK.
COVER: POLYESTER.
ACTUATOR BUTTON: ACETAL, BLACK.
MOVING CONTACT: COPPER ALLOY, SILVER CLAD.
FIXED CONTACT/TERMINAL: COPPER ALLOY, SILVER PLATE.

ELECTRICAL:
CONTACT RATING: 50 MILLIAMPS @ 12 VDC.
CONTACT RESISTANCE: 100 MILLIOHMS MAX.
INSULATION RESISTANCE: 100 MEGOHMS MIN. @ 100 VDC.
DIELECTRIC STRENGTH: 500 VAC 50/60 Hz FOR 1 MINUTE
LIFE EXPECTANCY: 100,000 CYCLES MIN.

MECHANICAL:
ACTUATION FORCE: SEE TABLE
ACTUATION TRAVEL: .012 in. (0,3 mm) APPROX.

ENVIRONMENTAL:
OPERATING TEMPERATURE: -35°C TO +85°C
STORAGE TEMPERATURE: -30°C TO +80°C

SOLDERABILITY:
SPECIFICATION EIA-364-52, CLASS 1, CATEGORY 2

NOTES:

1. INTERPRET DRAWING PER ANSI Y14.5M-1982.

ACTUATOR FORCE	ACTUATOR BUTTON COLOR	TYCO PART NUMBER
160 +/-50gf	BLACK	1437565-4
260 +/-50gf	RED	1571061-1

REV	D	REVISED PER QG3C-0411-04 APP'D: M.S. DATE: 16NOV04	THIRD ANGLE PROJECTION	TOLERANCES (EXCEPT AS NOTED) ANGULAR = ±1° DECIMAL .XX = ± DECIMAL .XXX = ±.012 DECIMAL .XXXX = ±	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES DO NOT SCALE PRINT			ORIGINAL DATE OF DRAWING: 8-13-96		TYCO ELECTRONICS		
					FILE NAME: 81100OUT	DIRECTORY: PSHSWCH	PROJECT: .	DRAWN: S.KIRCORIAN	DATE: 8-13-96			
					MATERIAL: SEE SPECIFICATIONS			CHECKED:	DATE:	TITLE: OUTLINE DRAWING FSM102 PUSHBUTTON SWITCH		
					FINISH: SEE SPECIFICATIONS			APPROVED:	DATE:			DWG. NO. 1437565-4
								NEXT ASSY:		PRODUCT CODE: B18	SCALE:	SHEET 1 OF 1