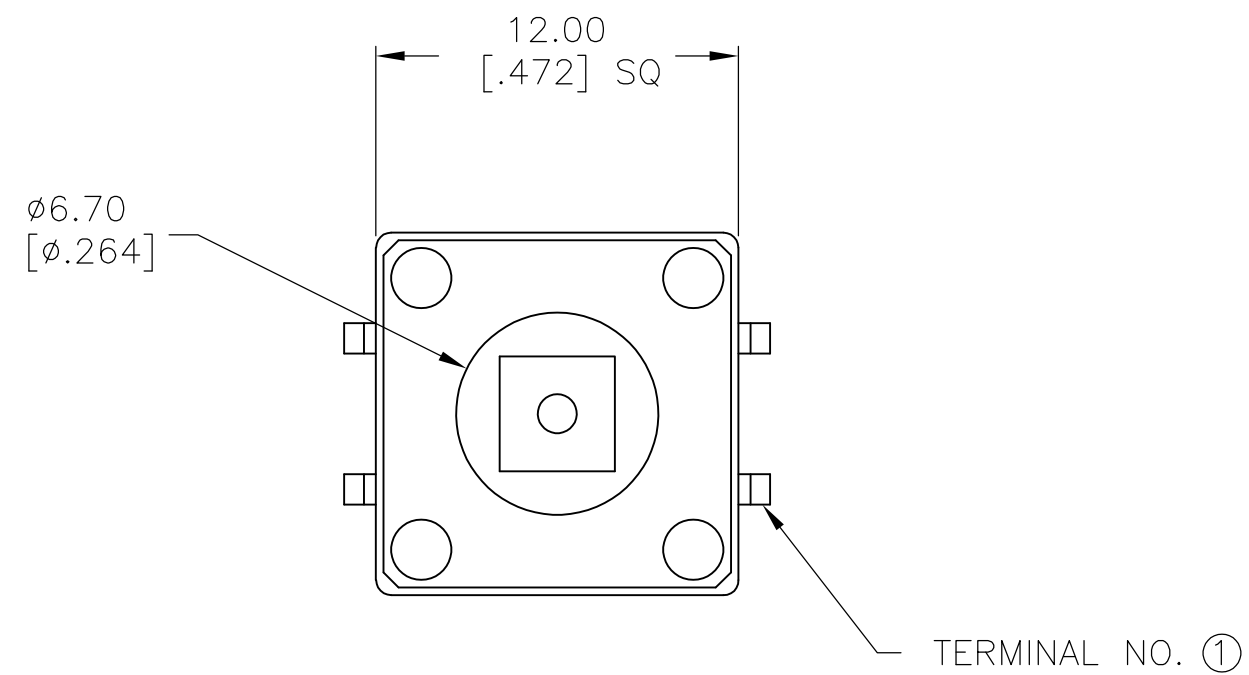


CIRCUIT DIAGRAM

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

SPECIFICATIONS:

MATERIALS:

CASE: PBT G30, 94HB, BLACK.

COVER: PET FILM.

ACTUATOR BUTTON: ACETAL, BLACK.

MOVING CONTACT: PHOS.BRONZE, SILVER CLAD.

FIXED CONTACT/TERMINAL: BRASS. SILVER PLATE.

ELECTRICAL:

MAX CONTACT RATING: 50MILLIAMPS@24V DC

MIN CONTACT RATING: 10MICROAMPS@1V DC

CONTACT RESISTANCE: 100 MILLIOHMS MAX.

INSULATION RESISTANCE: 100 MEGOHMS MIN. @ 100 VDC.

DIELECTRIC STRENGTH: 500 VAC

LIFE EXPECTANCY: 100,000 CYCLES MIN.

MECHANICAL:

ACTUATION FORCE: 160 ±30 GRAMS.

ACTUATION TRAVEL: 0.30mm (.012 in.) APPROX.

ENVIRONMENTAL:

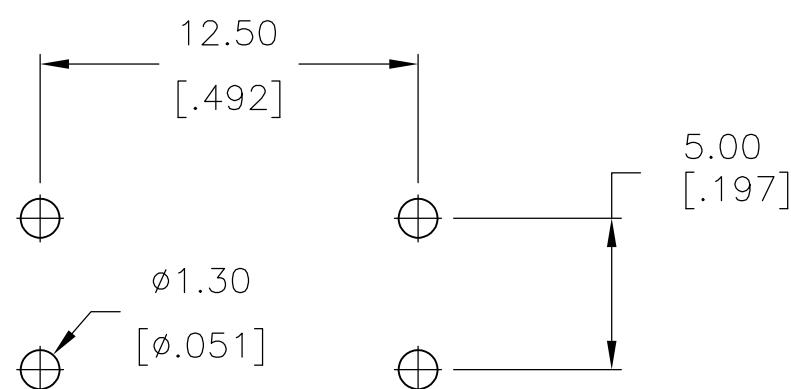
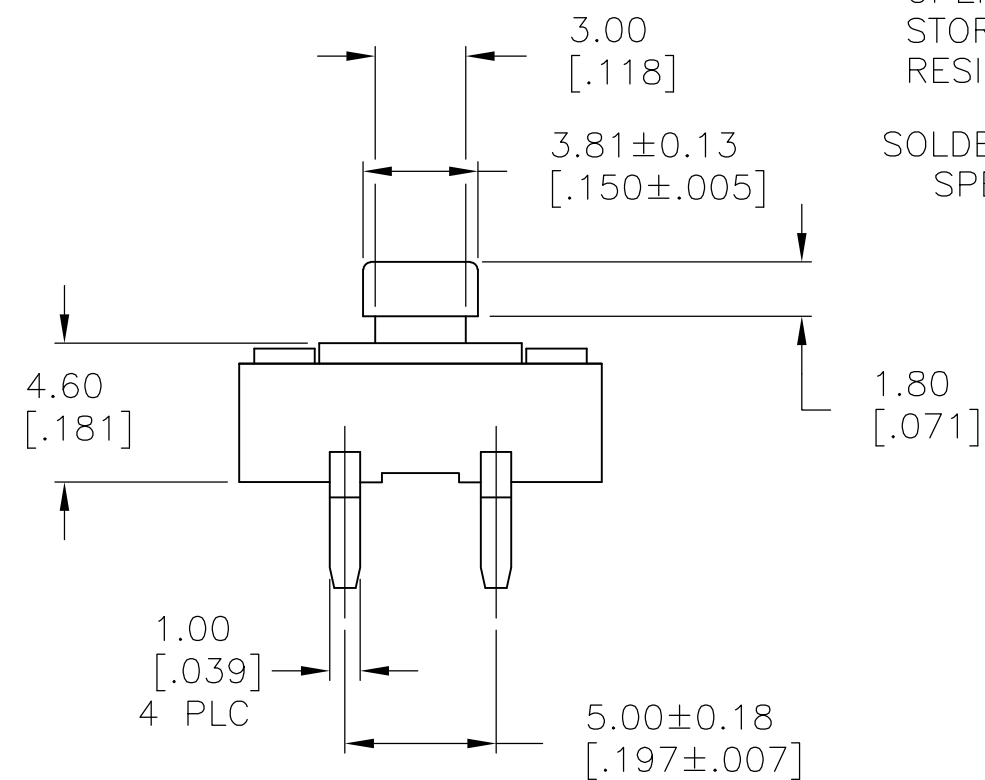
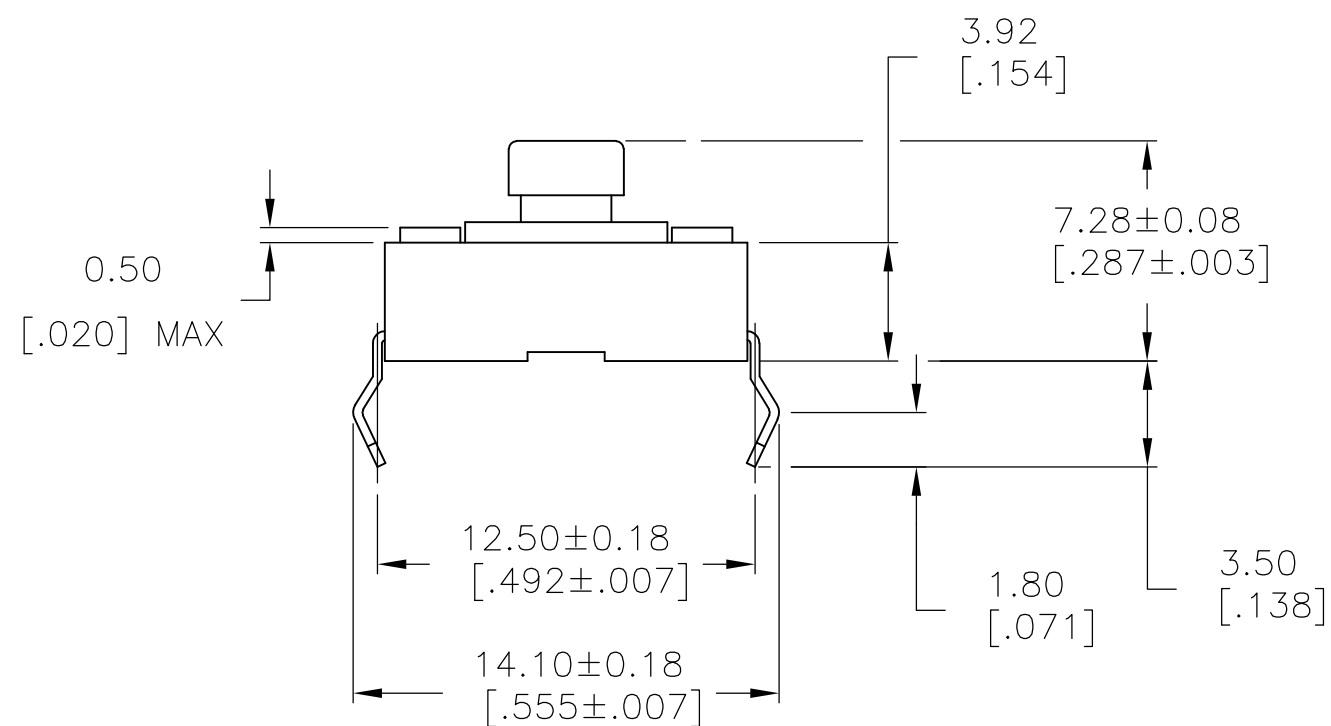
OPERATING TEMPERATURE: -35°C TO $+85^{\circ}\text{C}$.

STORAGE TEMPERATURE: -35°C TO $+85^{\circ}\text{C}$.

RESISTANCE TO SOLDER HEAT PER 109-202, COND B 265°C FOR 10 SECONDS

SOLDERABILITY:

SPECIFICATION EIA-364-52, CLASS II, CATEGORY 1



RECOMMENDED HOLE LAYOUT

TOLERANCE $\pm .002$ UNLESS
OTHERWISE NOTED

260±50g	RED	FSM103A	1571627-1
160±50g	BLACK	FSM103	1437565-5
ACTUATOR FORCE	ACTUATOR COLOR	FORMER T&B PART NUMBER	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R BROWN	12FEB04	 TE Connectivity					
		CHK M SARVER	12FEB04						
DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± 0.30[.012] 3 PLC ± - 4 PLC ± - ANGLES ± ± -	APVD M SARVER	12FEB04	NAME FSM103 PUSHBUTTON SWITCH - - - -					
		PRODUCT SPEC -							
		APPLICATION SPEC -				SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
		WEIGHT -				A2	-	 -1437565-5	-
MATERIAL -	FINISH -	CUSTOMER DRAWING		SCALE	4:1	SHEET	1 of 1	REV	F2