

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

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:

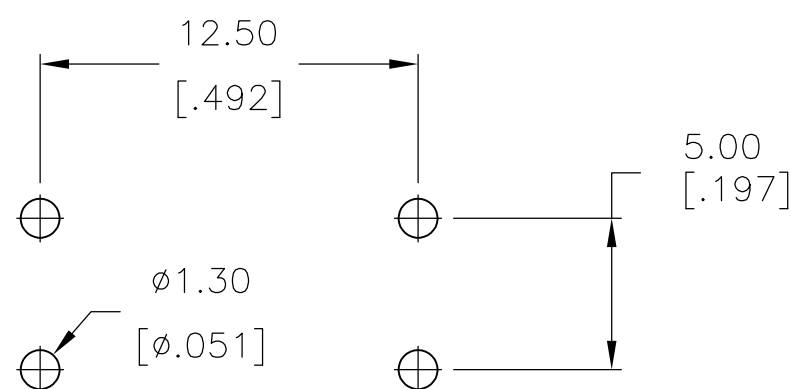
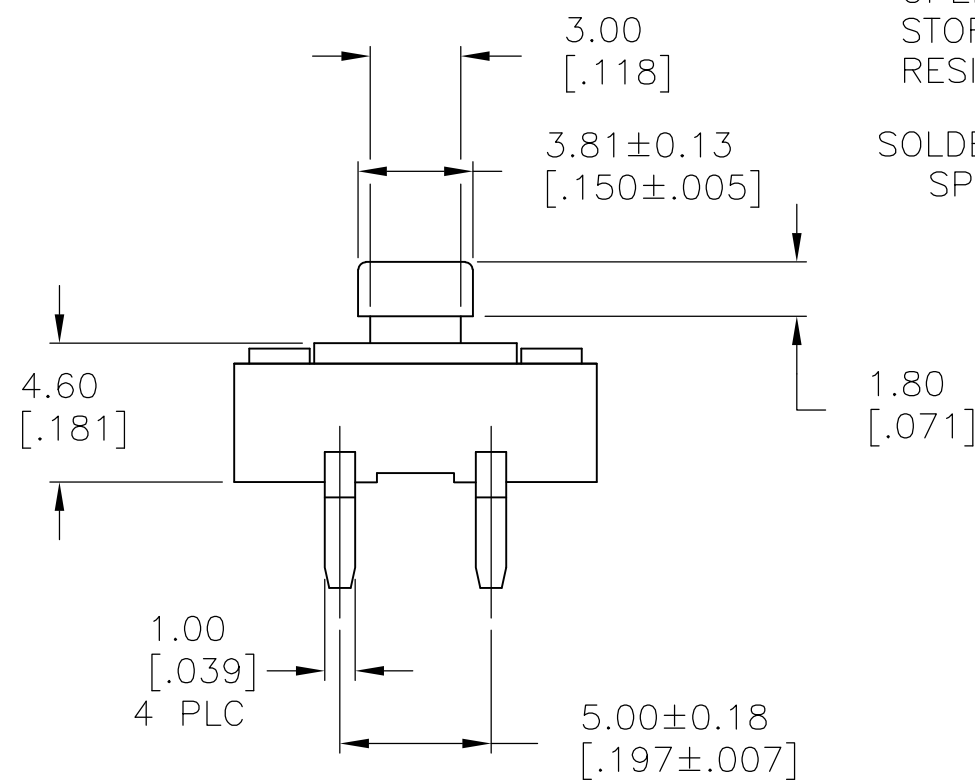
- MAX CONTACT RATING: 50MILLIAMPS@24V DC
- MIN CONTACT RATING: 10MICROAMPS@1V DC
- CONTACT RESISTANCE: 100 MILLIOHMS MAX.
- INSULATION RESISTANCE: 100 MEGOHMS MIN. @ 100 VDC.
- DIELECTRIC STRENGTH: 500 VAC
- LIFE EXPECTANCY: 100,000 CYCLES MIN.

MECHANICAL:

- ACTUATION FORCE: 160 ±30 GRAMS.
- ACTUATION TRAVEL: 0.30mm (.012 in.) APPROX.

ENVIRONMENTAL:
 OPERATING TEMPERATURE: -35°C TO +85°C.
 STORAGE TEMPERATURE: -35°C TO +85°C.
 RESISTANCE TO SOLDER HEAT PER 109-202, COND B 265°C FOR 10 SECONDS

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



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:		APVD M SARVER 12FEB04		NAME	
		0 PLC ± -		PRODUCT SPEC		FSM103 PUSHBUTTON SWITCH - -	
		1 PLC ± -		-			
		2 PLC ± 0.30[.012]		APPLICATION SPEC			
		3 PLC ± -		-			
4 PLC ± -		ANGLES ± -		-		SIZE	
MATERIAL		FINISH		WEIGHT		CAGE CODE	
-		-		-		DRAWING NO	
				A2		-	
				CUSTOMER DRAWING		RESTRICTED TO	
						C=1437565-5	
						-	
						SCALE	
						4:1	
						SHEET	
						1 of 1	
						REV	
						F2	