

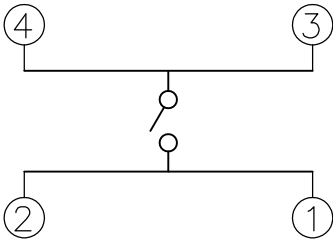
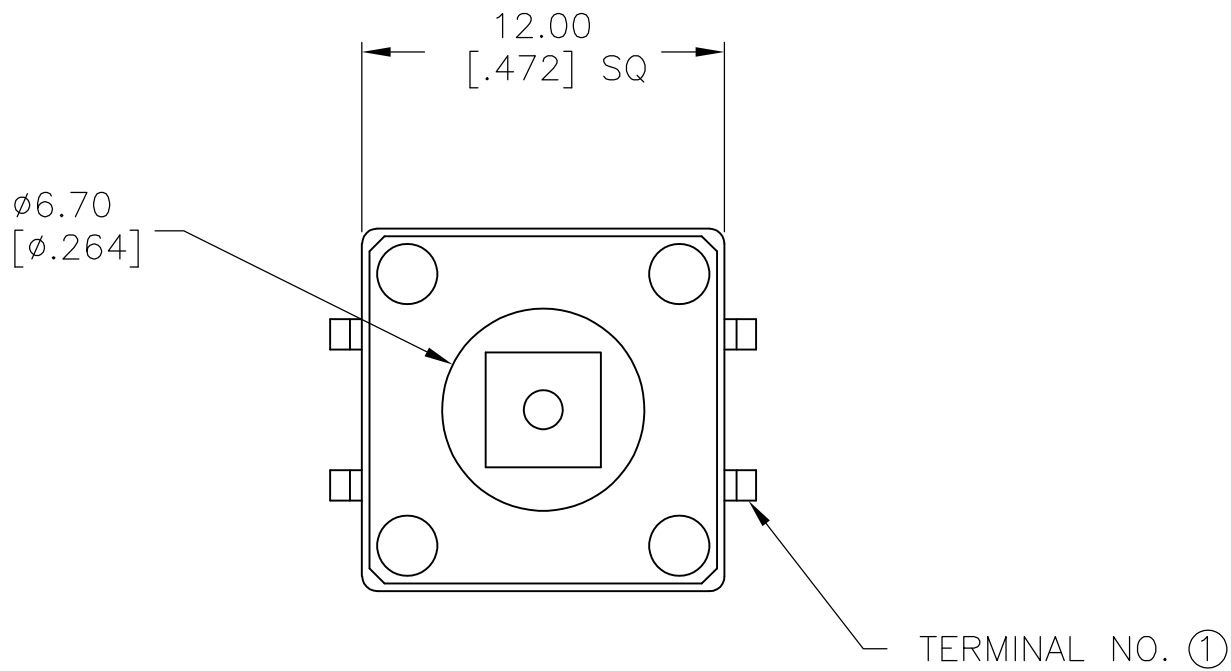
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
AD	00		E2	REVISED PER ECO-11-004587	11MAR11	RK	HMR

D

C

B

A



CIRCUIT DIAGRAM

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

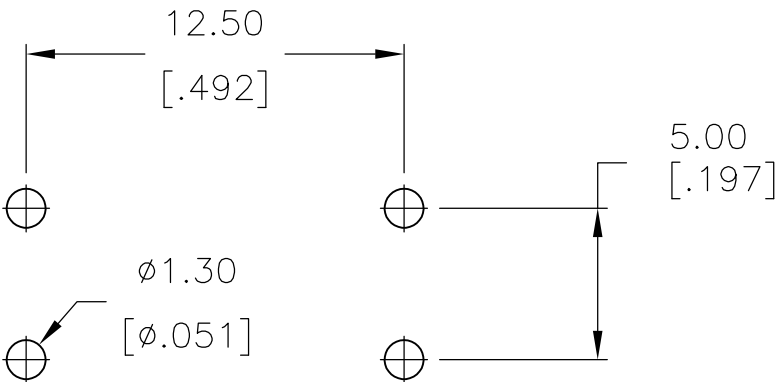
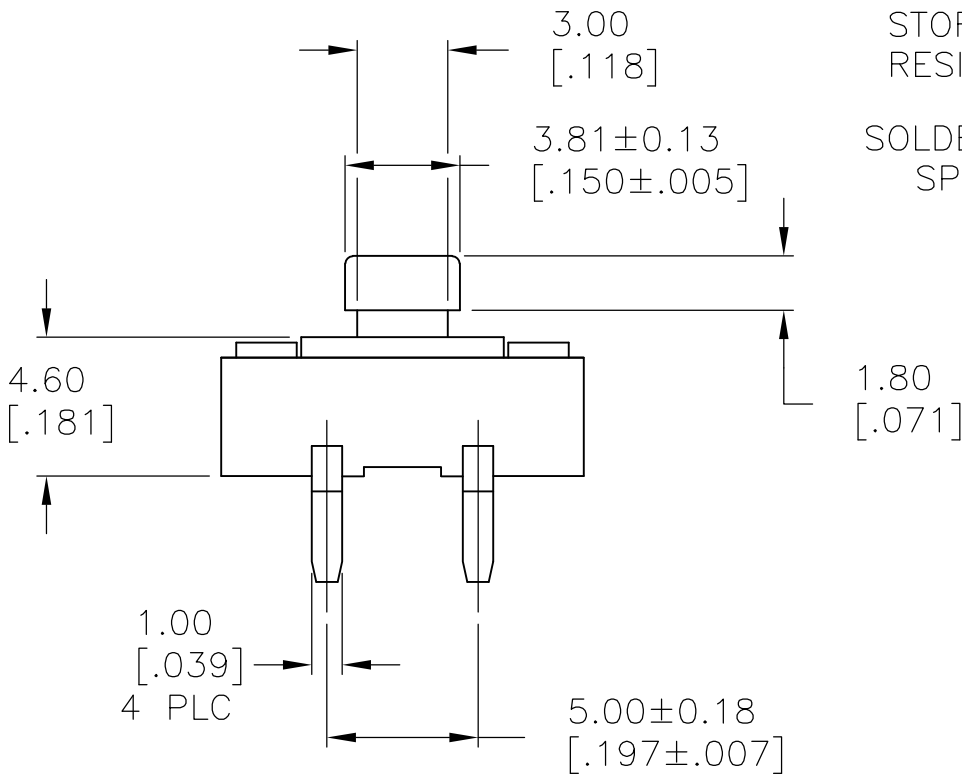
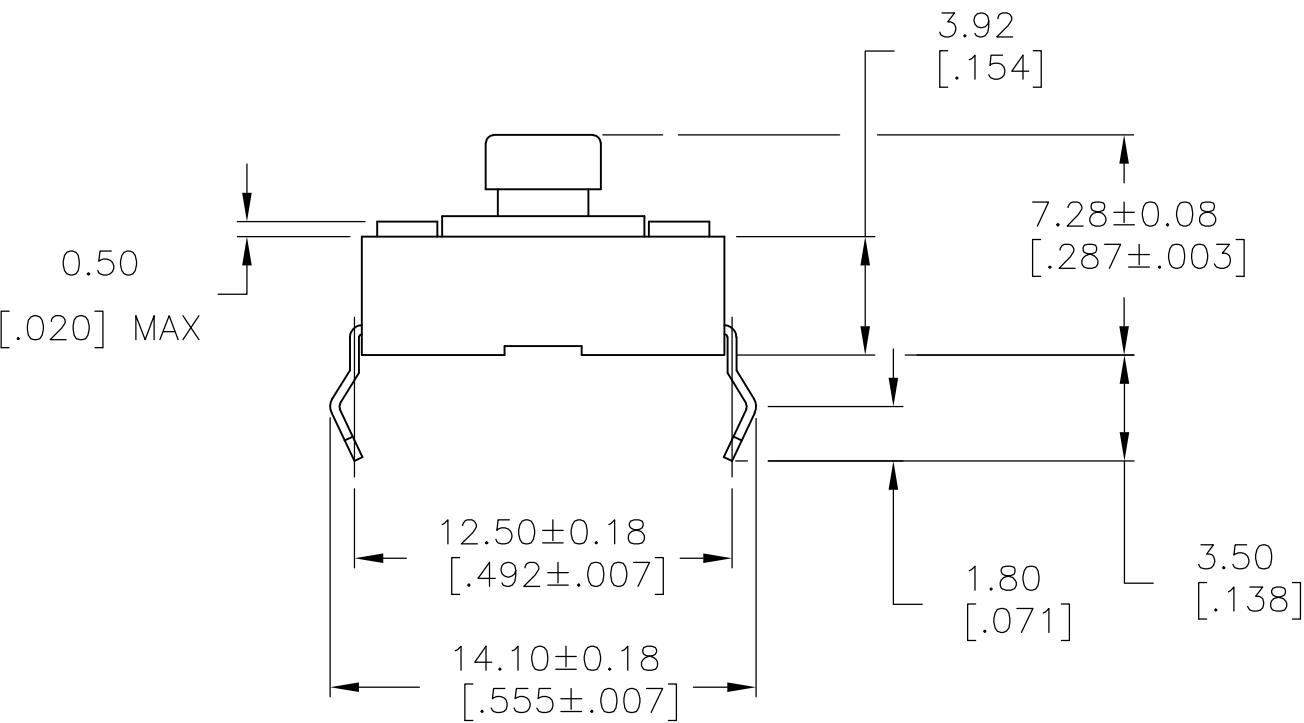
SPECIFICATIONS:

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

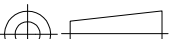
SOLDERABILITY:
SPECIFICATION EIA-364-52, CLASS II, CATEGORY 1



RECOMMENDED HOLE LAYOUT

TOLERANCE ±.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]		APVD M SARVER 12FEB04		NAME FSM103 PUSHBUTTON SWITCH				
		PRODUCT SPEC —						
		APPLICATION SPEC —						
MATERIAL —		WEIGHT —		SIZE A2	CAGE CODE —	DRAWING NO C=1437565-5	RESTRICTED TO —	
FINISH —		CUSTOMER DRAWING				SCALE 4:1	SHEET 1 of 1	REV E2

Authorized Distribution Brand :



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