

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	C1	ECR-24-211668	27JUN2024	LP	MY

SPECIFICATIONS:

MATERIALS:

COVER: STEEL, TIN PLATE.
ACTUATOR BUTTON: PA6T, GRAY.
MOVING CONTACT: PHOS. BRONZE, SILVER CLAD
FIXED CONTACT/TERMINAL: BRASS, SILVER PLATE
CASE: LCP, UL94V-0, BLACK

ELECTRICAL:

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

MECHANICAL:

ACTION FORCE: 160 ± 50g
ACTION TRAVEL: .010 +.008/-.004

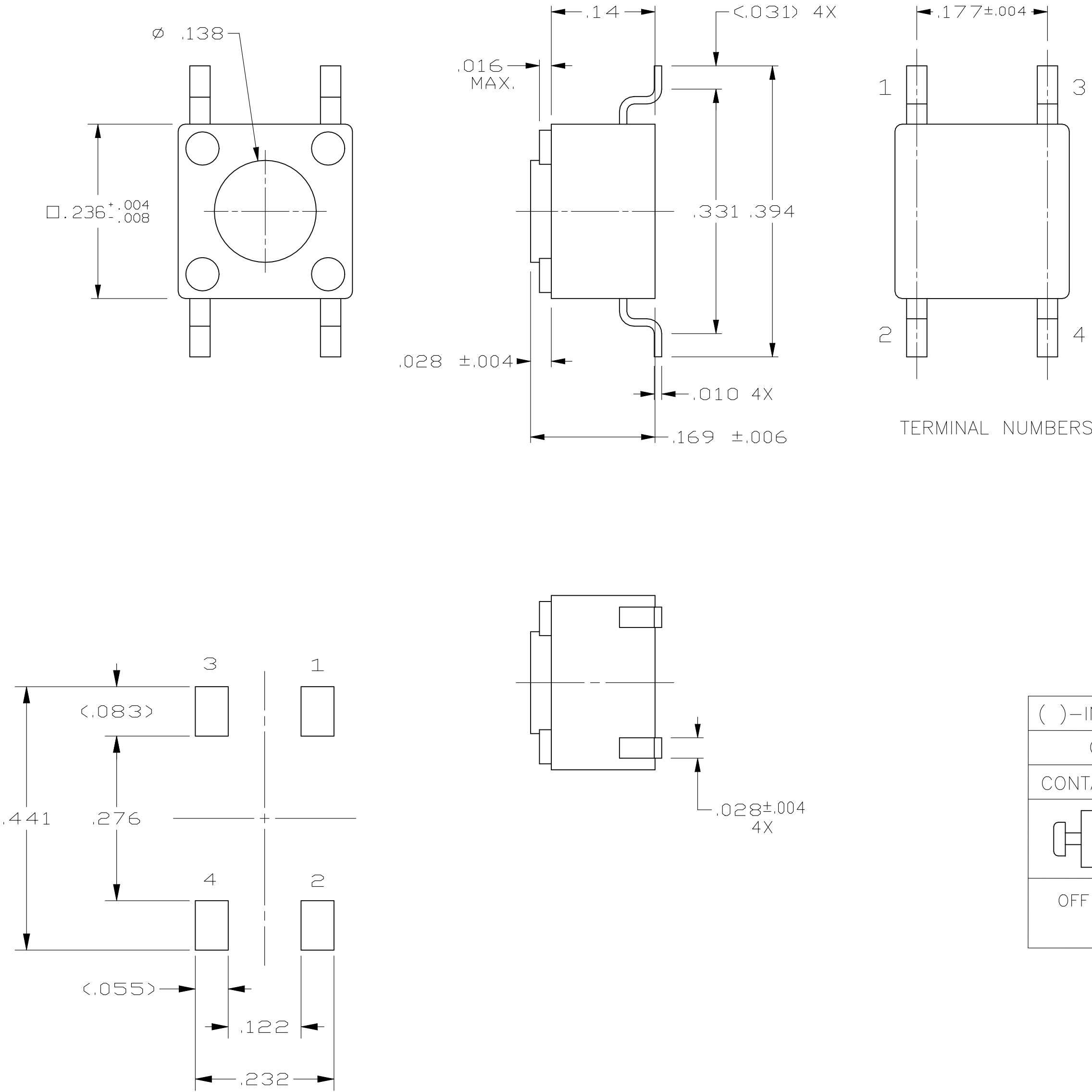
ENVIRONMENTAL:

OPERATING TEMPERATURE: -35°C TO +85°C, 45 ~ 85% RH
STORAGE TEMPERATURE: -35°C TO +85°C
SOLDER HEAT RESISTANCE PER 109-202, COND B.

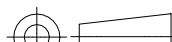
NOTES:

- 1
- ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS)
- 2
- FOR TAPE AND REEL SPECIFICATIONS (SEE PAGE 2)
- 3
- PARTS ARE PACKAGED (ACTUATOR BUTTON FACE DOWN)

()-INDICATES MOMENTARY POSITION		
CIRCUIT CHARACTERISTICS		
CONTACT POSITION	CIRCUIT DIAGRAM	
OFF	(ON) 1 - 3 2 - 4	



RECOMMENDED PAD LAYOUT
TOLERANCE ±.002 UNLESS
OTHERWISE NOTED

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.BINNER 05JUL2007		 TE Connectivity			
DIMENSIONS: INCHES		CHK M.SARVER 05JUL07					
	TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M.SARVER 05JUL07		NAME MICRO MINIATURE PUSHBUTTON SWITCH FSM2JSMATR		
	0 PLC ± -		PRODUCT SPEC				
	1 PLC ± -		—				
	2 PLC ± -		APPLICATION SPEC				
MATERIAL —	3 PLC ± .012		—		SIZE A2		
	4 PLC ± -		—			CAGE CODE 00779	
	ANGLES ± -		—				DRAWING NO C=7-1437565-1
	FINISH —		WEIGHT				
CUSTOMER DRAWING		SCALE 1:1		SHEET 1 of 1			
					REV C1		