

Microswitches

Order code	Manufacturer code	Description
78-0850	n/a	MINIATURE BCD EDGE SWITCH
78-0855	n/a	MINIATURE EDGE SWITCH CHEEKS

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The enclosed information is believed to be correct, Information may change 'without notice' due to product improvement. Users should ensure that the product is suitable for their use. E. & O. E.	Revision A 04/07/2003

MINIATURE B.C.D. EDGE SWITCH AND END CHEEKS

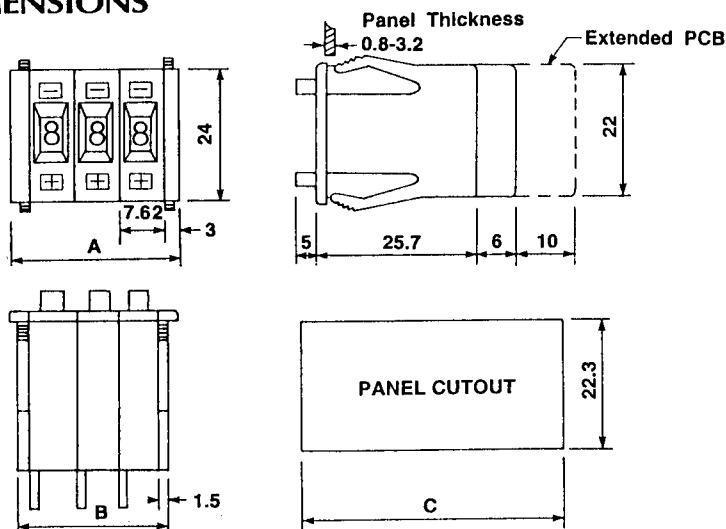
A high quality snap together push button edge switch. The switch is made before break in a B.C.D. output to 5 gold plated contacts. The switch has two buttons which allows count up or count down, and has a display on the front. The switch counts from zero (0) to 9, then back to zero (0).

1. Housing, Blank, Endcap, Wheel, Push button : Thermoplastic/Polyacetal, UL94HB.
2. Moving contact : Hard gold flash over nickel plated on phosphor bronze.
3. Printed circuit board : Hard gold flash over nickel plated on 0.79mm thickness epoxy laminate.
4. PC Board : Epoxy laminate CEM-3.

SPECIFICATION:

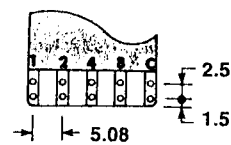
1. **Electrical Capacity:**
 - a. Operating voltage : 50V AC/28V DC maximum
 - b. Switching current : 100 mA maximum
 - c. Carrying current : 1A maximum
2. **Contact resistance: (Per Method 307 of MIL-STD-202) 200 M Ω maximum**
3. **Insulation resistance: (Per Method 302 of MIL-STD-202)**
 - a. Between common terminal and any output : 10 M Ω minimum
 - b. Between each output and non-current-carrying part : 1000 M Ω minimum
4. **Dielectric strength : (Per Method 301 of MIL-STD-202)**
 - a. Between common terminal and any output : 800V AC 1 minute
 - b. Between each output and non-current-carrying part : 1000V AC 1 minute
5. **Operating temperature : -20°C to 65°C**
6. **Life**
 - a. Mechanical : 200,000 detent operations
 - b. Electrical : 100,000 detent operations

DIMENSIONS



OUTPUT TRACE

Units: mm
(1mm = 0.03937 in)



BCD

$$A = (7.62 \times N) + 6$$

$$B = (7.62 \times N) + 3$$

$$C = (7.62 \times N) + 3.3$$

$$N = \text{Number of Sections}$$