

7形エンコーダ 7mm SIZE ENCODERS

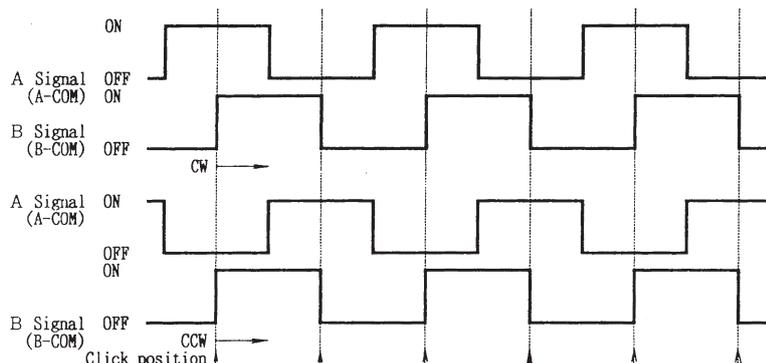
RoHS 指令対応 RoHS compliant

仕様

- 定格電圧 DC5V
- 定格電流 1 mA
- 最大使用電流 2.5mA
- チャタリング 10ms以下
- 接触抵抗 10Ω以下
- 出力信号 Out put Signals

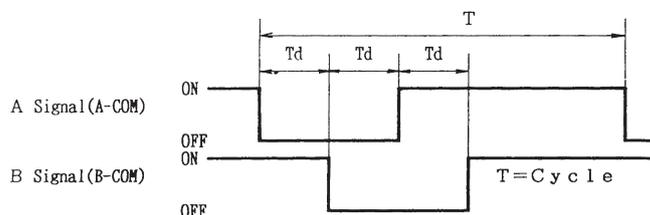
Specifications

- Voltage rating DC 5V
- Current rating 1 mA
- Maximum Operating Current 2.5mA
- Chattering 10ms Max.
- Contact resistance 10Ω Max.



- 分解能 10パルス
- クリック数 20点
クリック位置ではA-COM間はON又はOFF。
クリック位置ではB-COM間はON又はOFF規定せず。
- 位相差 $T_d = T/4 \pm T/6$

- Resolution 10Pulses
- Detent point 20 Detents
A-COM : ON or OFF
B-COM : Non provisions
- Phase difference $T_d = T/4 \pm T/6$



- デューティ比 $50\% \pm 15\% (18^\circ \pm 5.4^\circ)$
- 切換角度 $18^\circ \pm 3^\circ$
- 回転寿命 50,000サイクル
- 回転トルク $2 \sim 24.5 \text{mN} \cdot \text{m}$ $0 \sim +70^\circ\text{C}$
($20 \sim 250 \text{gf} \cdot \text{cm}$)
 $49.1 \text{mN} \cdot \text{m}$ 以下 $0 \sim -20^\circ\text{C}$
($500 \text{gf} \cdot \text{cm}$ 以下)

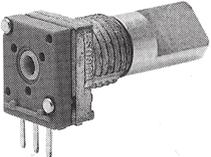
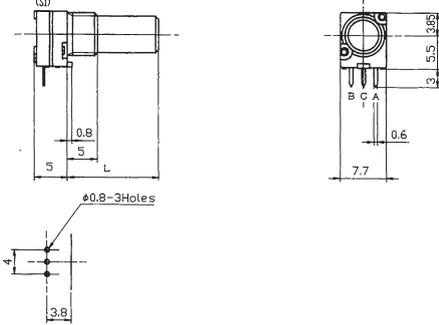
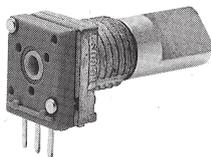
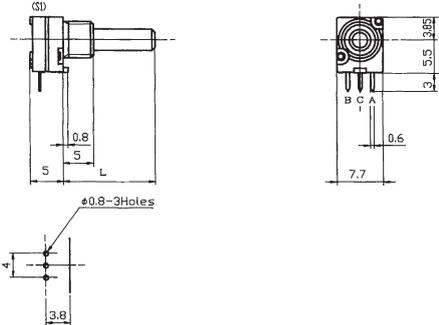
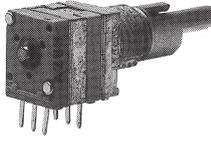
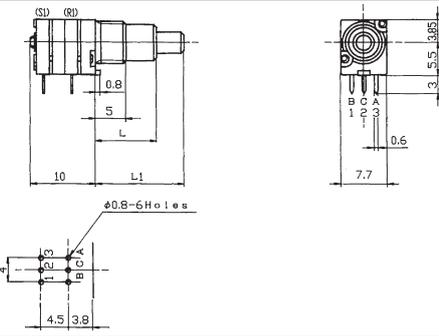
- Duty Ratio $50\% \pm 15\% (18^\circ \pm 5.4^\circ)$
- Change-Over angle $18^\circ \pm 3^\circ$
- Rotational Life 50,000 cycles
- Rotational torque $2 \text{ to } 24.5 \text{mN} \cdot \text{m}$ $0 \text{ to } +70^\circ\text{C}$
($20 \text{ to } 250 \text{gf} \cdot \text{cm}$)
 $49.1 \text{mN} \cdot \text{m}$ Max. $0 \text{ to } -20^\circ\text{C}$
($500 \text{gf} \cdot \text{cm}$ Max.)

●その他の仕様はTP7シリーズによる。

●Please refer to TP7 Series for other specification items

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(Unit : mm)

製品名 Model	外形図 Outline Drawing	特長・個別仕様 Features/Individual Specifications
1軸1連 Single unit, Single shaft TP70N00E20 		 360° rotation, single unit 
1軸1連 (防水型) Single unit, Single shaft (Waterproof type) TP70N97E20 		 360° rotation, single unit 
2軸2連 VR/エンコーダ Dual unit, Dual shaft VR/Encoder TP76D96E20 		 300° rotation, single unit  360° rotation, single unit