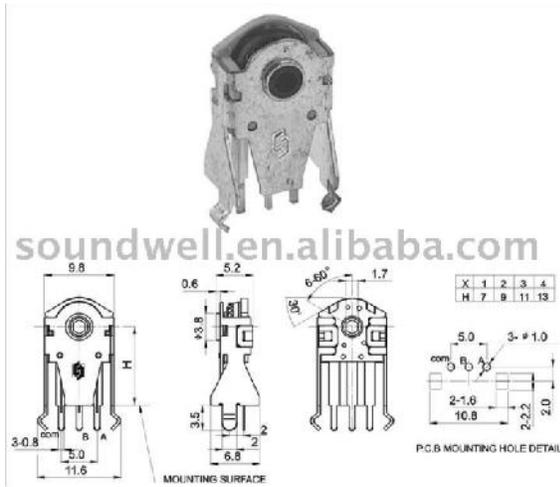


EC101102X2E-VAX encoder



Brand Name SOUNDWELL

Model Number EC101102X2E-VAX

Detailed Product Description

RoHS part

Excellent rotary operational feeling and long life

It's applicable for mouse and communication devices

ROTARY ENCODER EC10 SERIES SPECIFICATION

1 ELECTRICAL CHARACTERISTICS

ITEMS SPECIFICATION

- 1-1 Power Rating DC 5V 1mA
- 1-2 Insulation Resistance More than 50M Ω at DC 50V 1 Minute
- 1-3 Withstand Voltage 1 Minute at AC 50V
- 1-4 Sliding Noise t2d5mS (Test conditions 360 Ω /S)
- 1-5 Resolution 12 Pulses/360 Ω for each phase. 12/360 Ω

1-6 Phase-Difference $T=0.15T \pm 0.1T$ $T=0.25T \pm 0.1T$
1-7 Output Signal And Rotational CW direction A Signal OFF
ON
Direction B Signal OFF

ON

1-8 Working Temperature $-5^{\circ}\text{C} \sim 45^{\circ}\text{C}$
1-9 Storage Temperature $-15^{\circ}\text{C} \sim 65^{\circ}\text{C}$

2 MECHANICAL CHARACTERISTICS

2-1 Total Rotation Angle 360°
2-2 Rotation Torque $20 \sim 80\text{gf.cm}$ Other $__\sim__\text{gf.cm}$
2-3 Shaft Push-Pull Strength 510gf.cm Max.
2-4 Number and position Detent 12 detents (Step angle: $30^{\circ} \pm 3^{\circ}$)

24 detents (Step angle: $15^{\circ} \pm 3^{\circ}$)

2-5 Resistance to soldering heat Manual Soldering: Less than 300°C and quicker than 3 seconds.

2-6 Rotational life $100,000$ Cycles min The shaft of encoder shall be rotated to $100,000$ cycles at

a speed of 600cycles/H without electrical load, after which

And the moving contact shall be subjected to 600 cycles per hour.

Send your message to this supplier

Port: HONGKONG

Packaging Details: plastic box, carton

Delivery Time: 10 DAYS

Payment Terms: T/T

Supply Ability: 10,000 Piece/Pieces per Day

12 detents (Step angle: 30°3°)

24 detents (Step angle: 15°3°)

Manual Soldering: Less than 300