

10 mm Encoder

EN10 Series

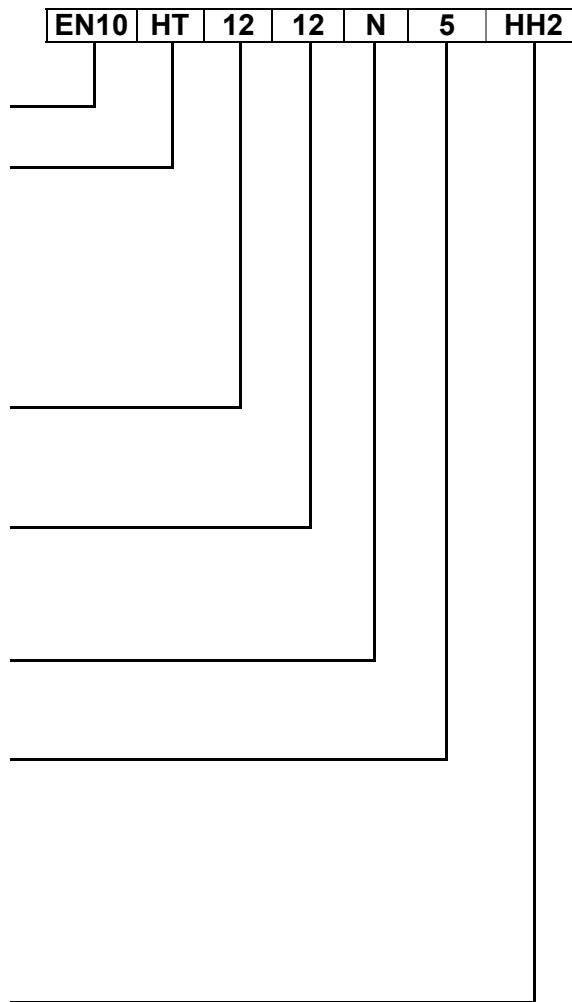


Environmental Characteristics

TA = 25°C unless otherwise noted

Operating Temperature	-20°C to +80°C
IP Rating	IP 40
Soldering Condition	Wave Soldering 260°C maximum for 1-3 seconds Hand Soldering 350°C maximum for 3 seconds
RoHS	Please refer to TT Electronics website
REACH	Please refer to TT Electronics website

Ordering



Part Family

Style

- HS = Top Adjust, Surface Mount
- HT = Top Adjust, Double Tab Bracket
- VT = Side Adjust, Double Tab Bracket
- VTS = Side Adjust, Single Tab Bracket
- VTN = Side Adjust, No Bracket

Pulses/360°

- 06 = 6 pulses
- 12 = 12 pulses

Detent/Rotation

- 12 = 12/360° (6 or 12 pulses)
- 24 = 24/360° (12 pulses only)

Switch Option

- N = No Switch

Standoff Length

- 1 = 7 mm
- 2 = 9 mm
- 3 = 11 mm
- 4 = 13 mm
- 5 = 5.5 mm
- 6 = 6.4 mm (HT only)

Shaft Style

- HH2 = Hollow Hex Shaft 1.72mm
- HH3 = Hollow Hex Shaft 1.75mm

General Note
TT Electronics reserves the right to make changes in product specification without notice or liability. All information is subject to TT Electronics' own data and is considered accurate at time of going to print.

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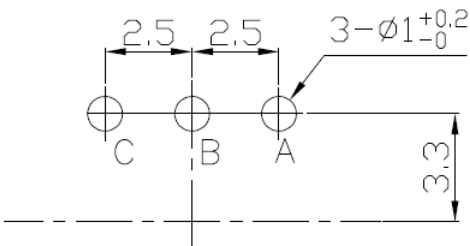
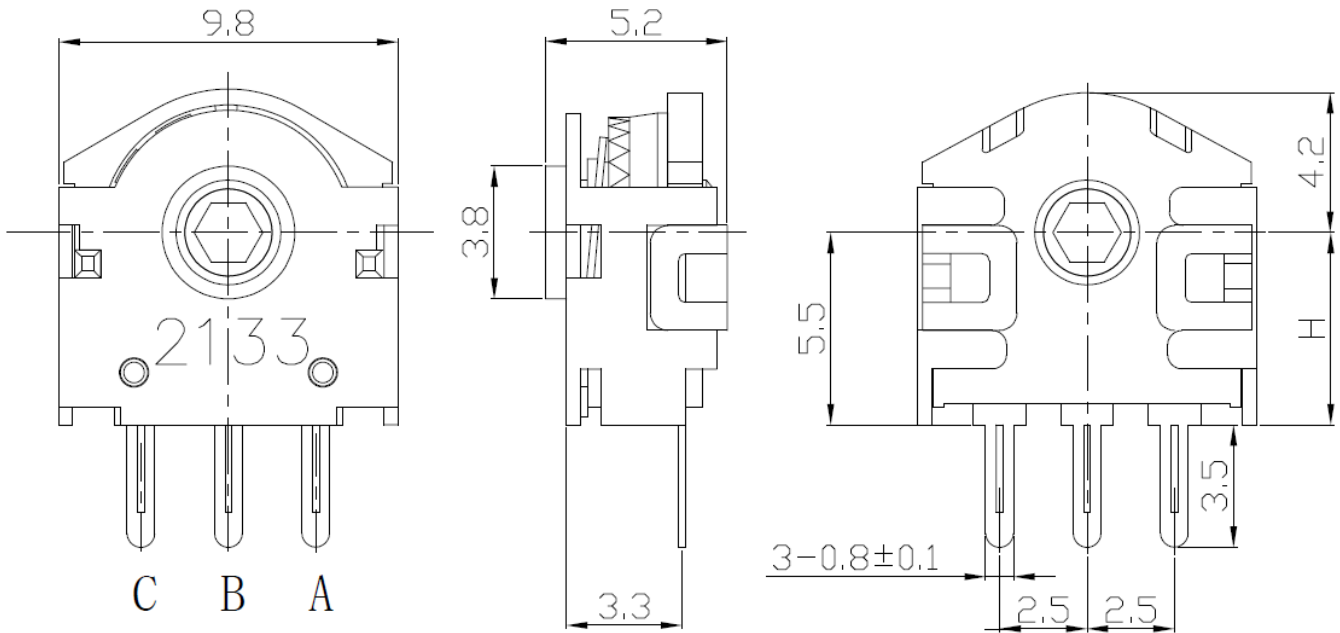
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Outline Drawings

EN10VTN - Side Adjust, No Bracket



P.C.B MOUNTING HOLE DETAIL

Standoff Height Code

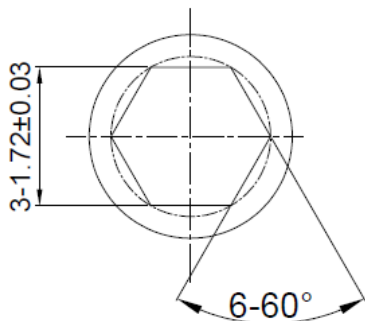
X	5	7
H	5.5	6.5

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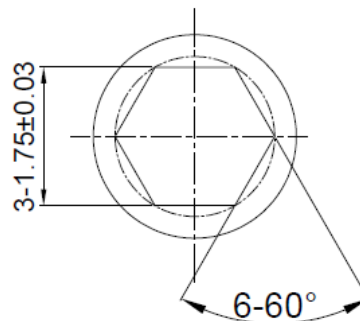
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Shaft Detail

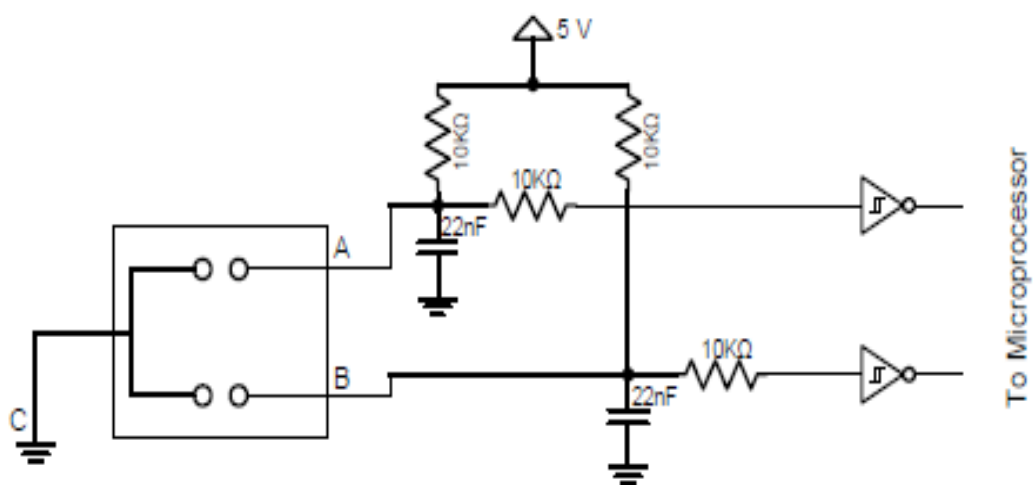
HH2



HH3



Recommended Filter Schematic

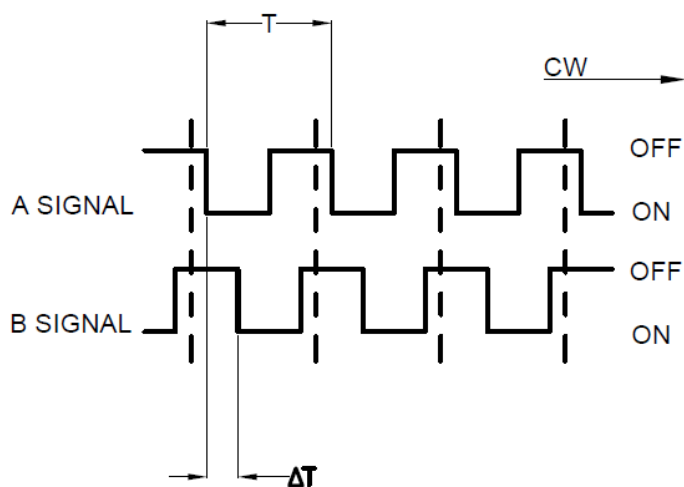


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Output Phase Shift



Packaging

Standard Packaging	Plastic Trays
Included Hardware	None

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