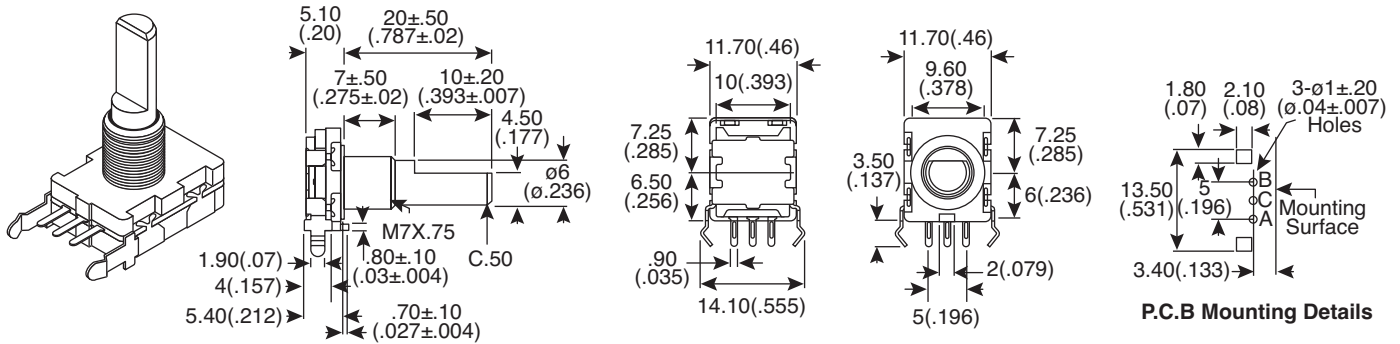




Rotary Encoders

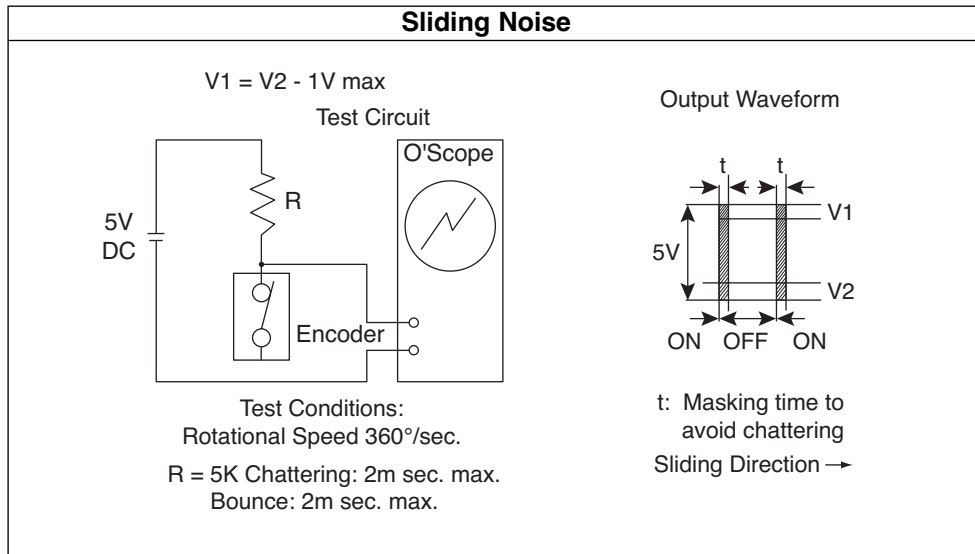
318-ENC111F-20PS, 318-ENC111F-20P

Dimensions mm (in.)



Resolution and Output Signal

Mouser Stock No.	Resolution (Pulses/rotation)	Number of Detents	Output signal format		
			Shaft rotational direction	Signal	Output
318-ENC111F-20PS	20/360°	20	clockwise	A (Terminal A-C)	OFF ON
318-ENC111F-20P	20/360°	20	clockwise	B (Terminal B-C)	OFF ON



Mechanical Specifications:

- Click Torque: 30~200 gf.cm
- Rotational Life: 15,000 cycles
- Shaft Push-Pull Strength: 10KgF

Electrical Specifications:

- Ratings: 10mA/5VDC
- Operating Current (max.): 1mA
- Insulation Resistance: 300VDC, 100MΩ min.
- Voltage Proof: 300VAC

Note:

- RoHS Compliant

Specifications for Push-On Switch (318-ENC111F-20PS):

- Type: Single Pole Single Throw (Push-On)
- Travel of Switch (mm): 0.5 +0.4 -0.3
- Operating Force of Switch: 600 ± 300gf
- Ratings: 3A/16VDC; 10mA/16VDC min.
- Operating Life: 25,000 cycles min.
- Contact Resistance: 100m (first period); 200m after the end of useful life is reached