

Features

- Low profile incremental encoder
- High-class rotational feel
- Haptic detent feedback
- RoHS compliant*



PER60 - 60 mm Low Profile Incremental Ring Encoder

Additional Information Click these links for more information:

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PRODUCT	INVENTORY	SAMPLES	CONTACT

Electrical Characteristics

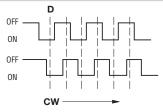
Output	
Contact Rating	10 mA @ 5 V DC
Insulation Resistance	
Dielectric Withstanding \	/oltage
Sea Level	
Electrical Travel	Continuous
Contact Bounce (60 RPM	M)5 ms max.**
Environmental Ch	aracteristics
Operating Temperature.	-10 °C to +60 °C

Operating remperature	
Storage Temperature	40 °C to +85 °C
Soldering Condition	
Wave Soldering	260 °C for 5 s
Manual Soldering	300 °C for 3 s

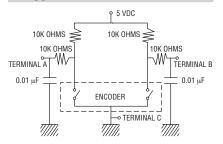
Mechanical Characteristics

RPM (operating)	60 max.
Mechanical Angle	
Detent Torque	100 to 300 gf-cm
Rotational Life	40,000 cycles

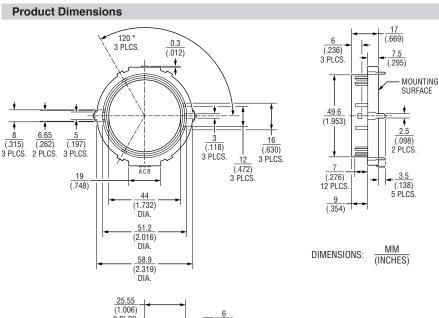
Quadrature Output Table

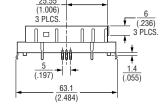


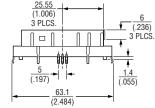
Suggested Filter Circuit

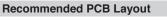


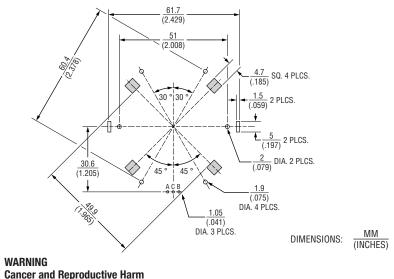














- RoHS Directive 2015/863, Mar 31, 2015 and Annex.
- Devices are tested using standard noise reduction filters. For optimum performance, designers should use noise reduction filters in their circuits.

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How To Order

PER60 1 - P1 17 - N 0015 Model · Number of Units 1 = Single Orientation -P = PC Pins Down Facing Detent Option -1 = 30 Detents (15 Pulses) Ring Height 17 = 17 mmSwitch Configuration N = No Switch Resolution -

0015 = 15 Pulses per 360 ° Rotation



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Users should verify actual device performance in their specific applications.

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