

Precision Trackpad

PXM0057

The PXM0057 touchpad module has an HID-over-USB interface and thus requires no device driver. HID-over-USB is supported by virtually all modern operating systems.

MAIN FEATURES

- 5V supply voltage (USB)
- HID-over-USB interface
- Windows 11 qualified
- Temperature range: -10°C to 50°C
- Storage Temperature: 20°C @ <50%RH
- Typical ESD performance (Product assembly dependent)
 - +/-10kV Air discharge on overlay above touchpad area
 - +/-6kV HCP (Horizontal Coupling Plane-indirect contact)
 - +/-6kV Contact discharge on exposed metal
- Current consumption:
 - Active = 10mA-11.5mA, 130-145Hz report & scan frequency
 - Idle = 9.3mA, 130-145Hz scan frequency
 - Low power 1 = 5.7mA, 12.5Hz scan frequency
 - Low power 2 = 5.3mA, 6Hz scan frequency
- Mechanical click on bottom half of TP (Click-anywhere options available)
- 6pin FFC connector included
- Assembled to IPC600/ 610 Class 2 build standards
- Base Material: FR4 Glass Epoxy
- Cu finish: ENIG (OSP optional), Solder mask: green, Silkscreen: white
- PCB Size = 107.30mm (W) *67.30mm (H) (Tol: +/-0.2mm)
- Active Area = 99.6mm*60.5mm
- PCB Thickness = 1.6mm (Tol+/-0.15mm)
- RoHS3 & REACH compliant
- CE/UL/TUV/Prop65 qualification on special request
- *Custom options:
 - PXM0057-101: OSP finish, Custom Overlay (supported thickness 0.5mm-2mm)
PCB sold with double sided adhesive with paper liner
 - PXM0057-201: ENIG finish, Custom Overlay (supported thickness 0.5mm-2mm)
PCB sold with double sided adhesive with paper liner
 - PXM0057-301: ENIG finish, 0.4mm black Mylar overlay
- Custom sizes, interfaces and "click-anywhere" versions also available

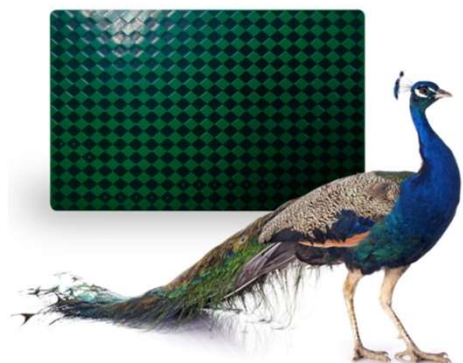
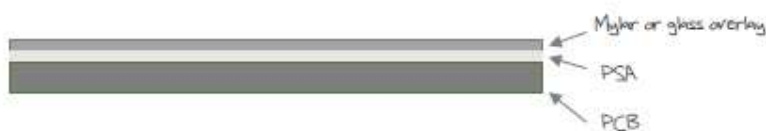


ORDERABLE PARTS

PXM0057-301-S	1pcs
PXM0057-401-S	1pcs
PXM0057-501-S	1pcs

*PXM0057-101	Contact Sales
*PXM0057-201	Contact Sales

****Please ask regarding custom designs & manufacturing.***



Evaluation Tools

PXM0057-401



PXM0057-501



Custom -Evaluation Tools

PXM0057-101/PXM0057-201/PXM0057-301

