

TPM Series: OEM Touchpad Module, 6-inch, USB Output



Figure 1: 6" OEM Touchpad Module (shown with standard glass touch surface)

1. DESCRIPTION

Using our years of knowledge/experience gained from developing industrial trackball technology, Cursor Controls Ltd have developed a range of advanced touchpad solutions. Cursor Controls touchpads provide smooth and precise cursor control using the latest and most advanced touch sensing technology and are designed for use in the most extreme environments.

The TPM Series OEM touchpad provides both conventional X and Y-axis cursor movement with plug-and-play, multi-finger gesture support for enhanced user interaction. The mutual-capacitance based tracking engine combines the benefits of solid state sensing (no moving parts) with the precision, functionality and performance associated with the Cursor Controls product range. When installed, the design allows for easy cleaning and decontamination, ensuring continued optimum performance and operation under the harshest of conditions. The unit has been designed to be mounted as part of OEM keyboards and consoles.

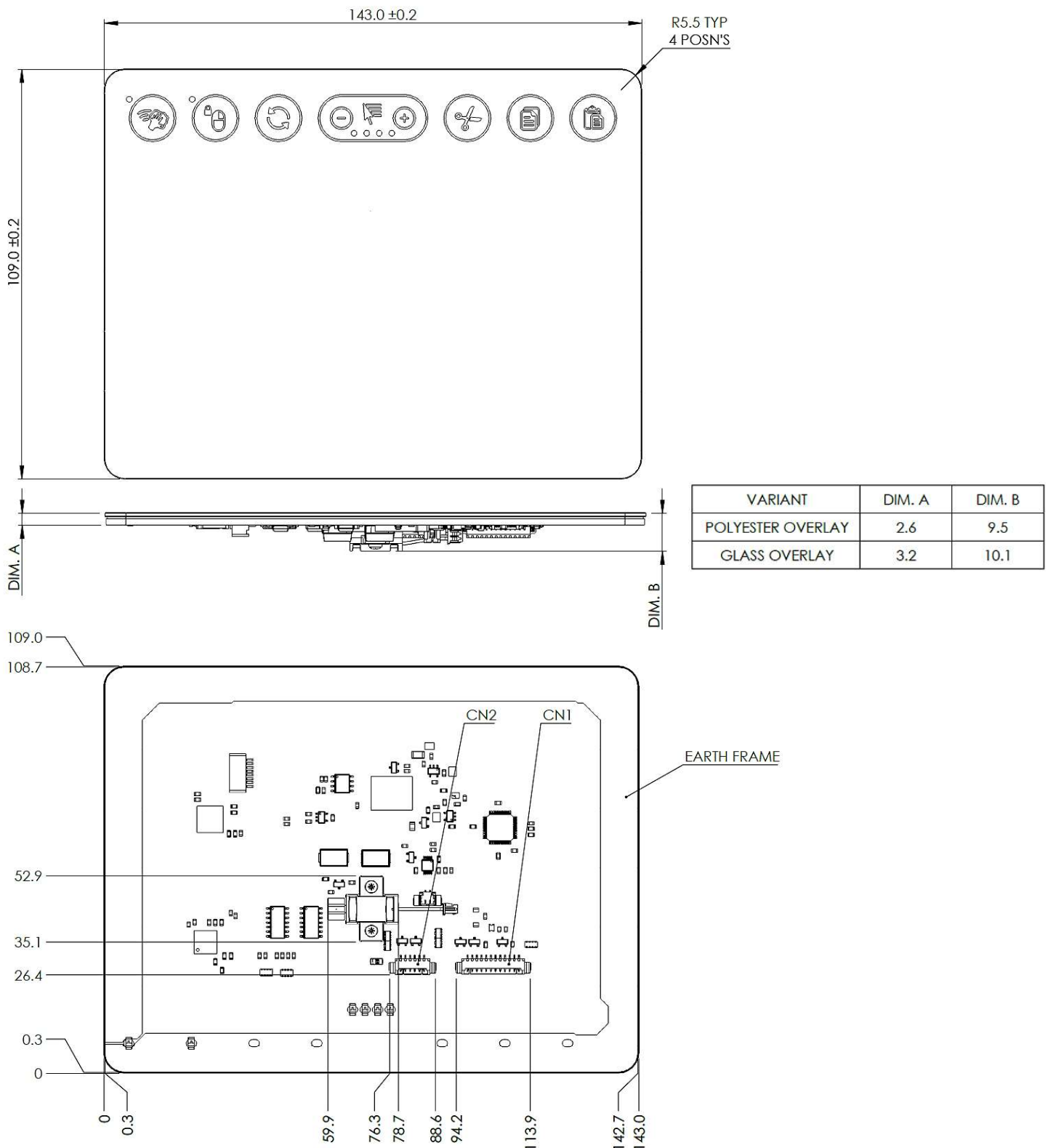
2. FEATURES

- Solid state sensing technology – capacitive touch sensing tracking engine
- Output: USB
- Haptic and audible feedback (function specific)
- Multi-finger gesture support
- 8 capacitive touch feature buttons
- Smooth operation in rugged environments
- Tolerant to moisture, water and liquid contaminants
- Various touch surface overlay options available as standard
- Custom feature button configurations / overlays available

3. APPLICATIONS

- Industrial consoles
- Medical systems
- Marine systems
- Sound and lighting desks
- Video editing consoles
- Custom keyboard applications
- OEM custom solutions available

8. TOUCHPAD DIMENSION DRAWING



Dimensional drawing specifies factory default orientation.

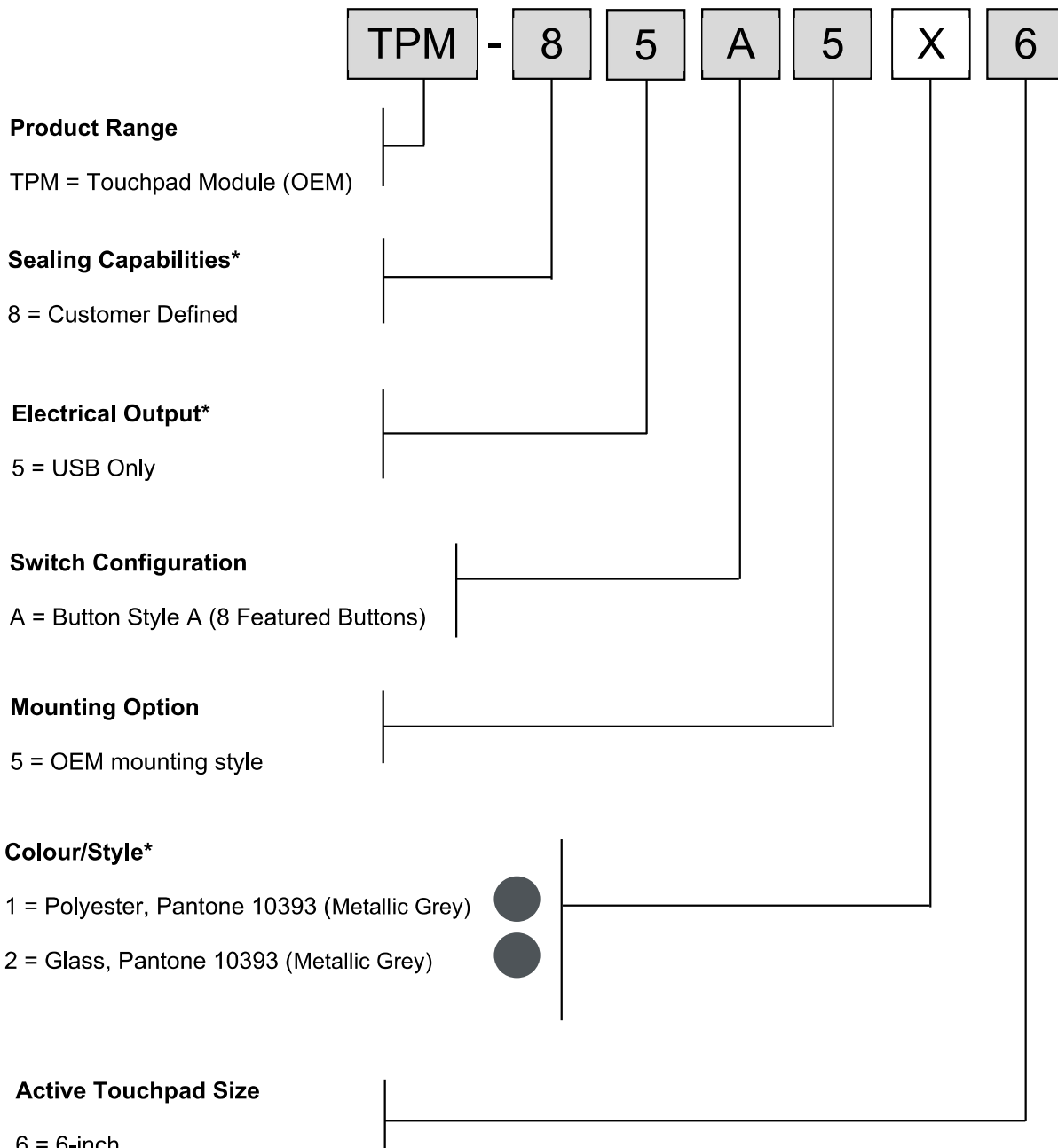
All dimensions are in mm unless otherwise stated.

Tolerances ± 0.2 mm unless otherwise stated

Please note that an IGES model is available on request. Please contact your local sales office for more information.

10. PRODUCT ORDERING CODE SYSTEM

Please construct your standard product ordering code by selecting the numbers and letters to suit your specification:



**For further options please contact your local sales representative.*

10.1. Ordering Example

TPM-85A516: Touchpad, Customer defined sealing, USB Interface, 8 x feature buttons, OEM style, Pantone 10393 (Metallic Grey) polyester overlay, 6-inch.