WHOLE SEALED KEYBOARD MODULE

HP INC
Whole Sealed Keyboard Module

- **Abstract**

Fabric or soft film material are used to cover whole keyboard module and sealed on the internal plastic sheet and keycap surface. The cover is water and dust proof, bring out quiet typing experience and rattling noise, better touch feeling with anti-fingerprint and high durability.

- **Implementation**

The cross section and stack up of whole sealed keyboard module is shown below. Adhesion layer is applied on keycap and plastic sheet (Mylar) to fix the cover and keyboard module. Step skirt shape of soft cover around keycap is designed for comfort key feeling.

![Whole Sealed Keyboard stack up](image)

The exterior cosmetic part (e.g. KB lattice/frame) could be separated from the cover and no impact on system ID design.
Detail cross section

Disclosed by Jerry Hung, Hung-Ming Chen and Fenix Liou, HP Inc.