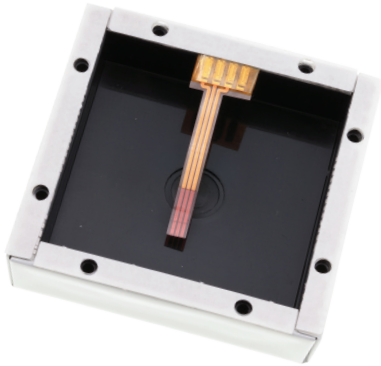


# TAMPER DETECTION SENSORS

## TECHNOLOGY OVERVIEW

TE Connectivity's (TE) polyvinylidene fluoride (PVDF) tamper detection sensors (TDS) offer a high security solution in a space efficient form factor for the detection of physical tampering in small, high security enclosures. The sensor comes in the form of a custom designed, multi-layer laminate which can be wrapped or folded over or around the area to be protected. Once properly wrapped and connected, any attempt to physically open or penetrate the enclosure will be detected. Detection of a tamper attempt can be used to trigger the erasure of critical security information such as encryption keys or to render the overall system inoperable. The TDS is designed to allow the user to achieve FIPS 140-2 level 4 physical security in a space efficient and cost effective manner.



## KEY CAPABILITIES

- High security (FIPS 140-2 Level 4 Capable)
- Sensor element essentially invisible to x-rays
- Space efficient
- Easy to apply and design/production support available
- Ultra-low power consumption
- Fast and permanent response
- Independently tested
- Custom designed for specific applications
- Capable of wrapping an enclosure or covering an area
- Extremely thin and flexible
- Capable of meeting PCI (Payment Card Industry) PED (Pin Entry Device) physical security requirement

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