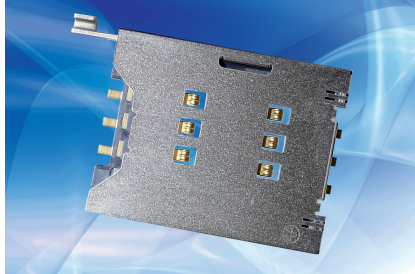


Ultra-flat next generation SIM card reader with innovative pull ejector!



Yamaichi Electronics has added the FMS006-8010-0 to its portfolio of high quality card readers.

Their unique new product combines innovative card removing technology. The FMS006-8010-0 card reader is a reversed-mount version with an ultra-flat installation height of only 1.34mm. This minute installation height was conventionally only possible through manual insertion or removal of the card, alternatively by using an indirect insertion or removal process such as a tray.

The newly developed pull-ejector mechanism makes it possible to provide more convenient and reliable card removal – even in an ultra-flat housing. The mechanism is triggered by pulling a clip, thereby ejecting the SIM card from the card slot by a defined distance. This action ensures easy removal. A special design feature automatically prevents the SIM card from being incorrectly inserted into the card reader which adds another measure of protection.

Key Features:

- The exterior dimensions of the device are 17.5x12mm.
- The card reader has 6 gold-plated contacts.
- Like most Yamaichi card readers, this product has a 2-point contact design.
- Designed to maintain the best possible contact reliability during vibration and shock.
- The insulating body of the card reader is made of LCP, while the metal cover is made of SUS. Four ground tabs provide outstanding EMC protection. Additional metal re-inforcements also fasten the contact carrier, ensuring coplanarity during soldering.
- The unit is mounted with SMT soldering on the bottom of the PCB (reversed-mount type).

Datasheets and additional information can be found on www.yamaichi.eu