



# **E series - Smartcard Reader Product Extension**



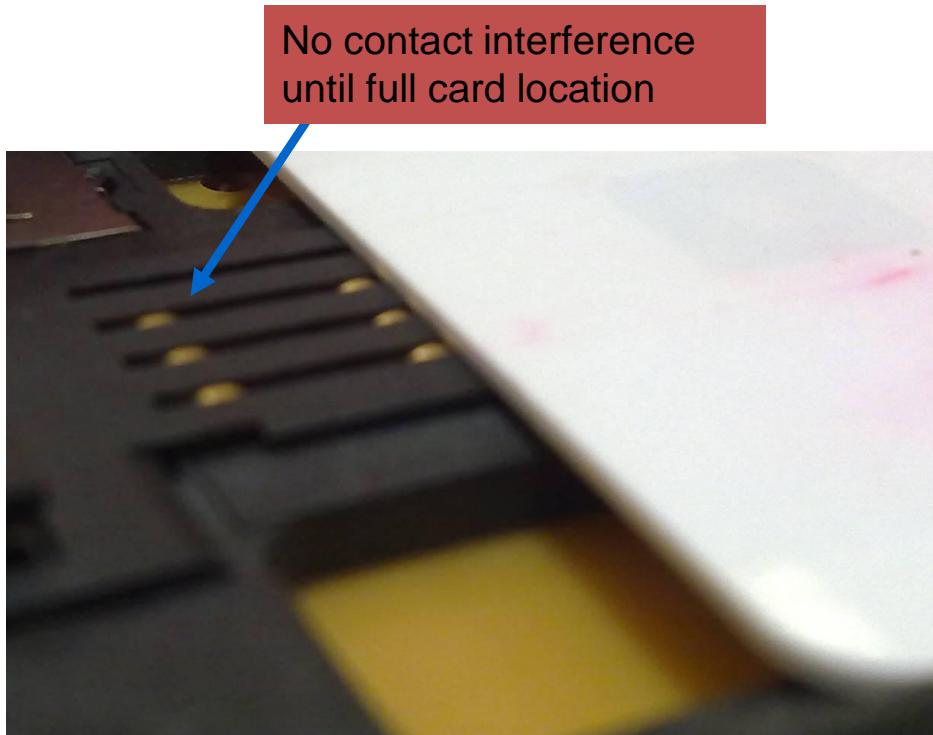
## E series Smart Card Connector with enhanced durability of 500K Mating Cycles



- FCI extends E series with a 500K mating cycles version, recommended for high durability applications

# Advantage FCI – Product design

- FCI patented landing mechanism –
  - Ensures increased durability
  - Offers an efficient mechanical solution to prevent vandalism as contacts are recessed when no card is inserted.



## ■ Description

- *“E Series” use “landing” contact technology.*
- *The Smart Card connector is equipped with either 6 or 8 data contacts with a spoon shape mating surface.*
- *Sealed Card detection switch is fully protected against dust or contaminants.*
- *Signal contacts self clean before the card is fully inserted.*
- *Distance of activation and deactivation of the switch complies with the EMV specifications.*
- *Optional guided card entry (bell mouth).*

## ■ Applications

- *Where long life durability is important*



## ■ Features and benefits

- *Offers an efficient mechanical solution to prevent vandalism as contacts are recessed when no card is inserted.*
- *High mating cycle connector suitable for heavy-duty systems.*
- *Direct connection to PCB (through holes or SMT) or through a flexible printed circuit.*
- *Suitable for harsh environments.*