

## Features

- **Operating life up to 600,000 cycles**
- **40N card insertion force**
- **EMV**
- **Card detection sealed switch**

## Typical Applications

- **Transaction**
- **Identification**
- **POS**



## Mechanical

Number of Contacts	8
Mechanical life	Up to 500,000 cycles
Card insertion force	40N max.
Card extraction force	1 N min / 10 N max
Contact force	0,2N / 0,60 N max
Card detection switch	0,8 N max for actuation (end travel switch actuation force actuates when card is 0,9mm from card stop)
	1,8 N max for complete depression
Vibration Frequency	10 to 500 Hz. Acceleration 50m/s <sup>2</sup> Duration 6 hours - amplitude 0,35mm
Max elect. discontinuity	1µs
Shock	Peak value 500 m/s <sup>2</sup> – Duration 11 ms 3 shocks in each direction of each axis

## Packaging

Tray 25 parts / Cartons 300 parts

## Soldering

Compatible with lead free SMT reflow soldering process  
According to JEC61766-1:2006

## Contact Electrical Data

Insulation resistance	1,000 MΩ min
Resistance	100 mΩ max
Current rating	<10 mA
Dielectric strength	750 Vrms min

## Switch Electrical Data

Card detection switch	Normally open
Contact resistance	100 mΩ max
Dielectric strength	250 Vrms min
Current rating	50 µA min / 10 mA max
Maximum power	0.2 VA

## Environmental Data

Operating temperature	-40°C to +85°C
Card detection switch	IP50
RoHS compliant	

Designation	Termination	Operating Life	Card Insertion Force
CCM01-2327LFT	SMT	600,000 cycles	40N

# CCM01 MK4 Series

CCM01-2327 LFT

Full Size

