

CCM01 MK5 Series

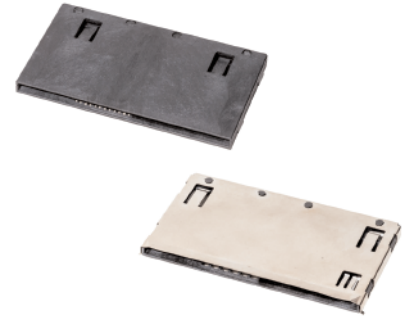
Low Profile Smart Card Connector

Features/Benefits

- Operating life 500,000 cycles
- Low profile 4 mm and 3.2 mm height
- PCI ready
- Card detection sealed switch

Typical Applications

- Transaction
- Identification
- POS
- MPOS



Mechanical

NUMBER OF CONTACTS:	8
MECHANICAL LIFE:	500,000 cycles
CARD INSERTION FORCE:	10 N max.
CARD EXTRACTION FORCE:	1 N min. / 10 N max.
CONTACT FORCE:	0,2 N / 0,60 N max.

Packaging

Tray 25 parts or Reel 350 parts

Soldering

Compatible with lead free SMT reflow soldering process

Contact Electrical Data

INSULATION RESISTANCE:	1,000 M Ω min.
CONTACT RESISTANCE:	100 m Ω max.
CURRENT RATING:	10 μ A min. / 1A max.
DIELECTRIC STRENGTH:	750 Vrms min.

Switch Electrical Data

CARD DETECTION SWITCH:	Normally open
CONTACT RESISTANCE:	100 m Ω max.
DIELECTRIC STRENGTH:	250 Vrms min.
CURRENT RATING:	1 mA min. / 10 mA max.
MAXIMUM POWER:	0.2 VA

Environmental Data

OPERATING TEMPERATURE:	-40°C to + 85°C
CARD DETECTION SWITCH:	Sealed against dust
RoHS compliant	

How To Order

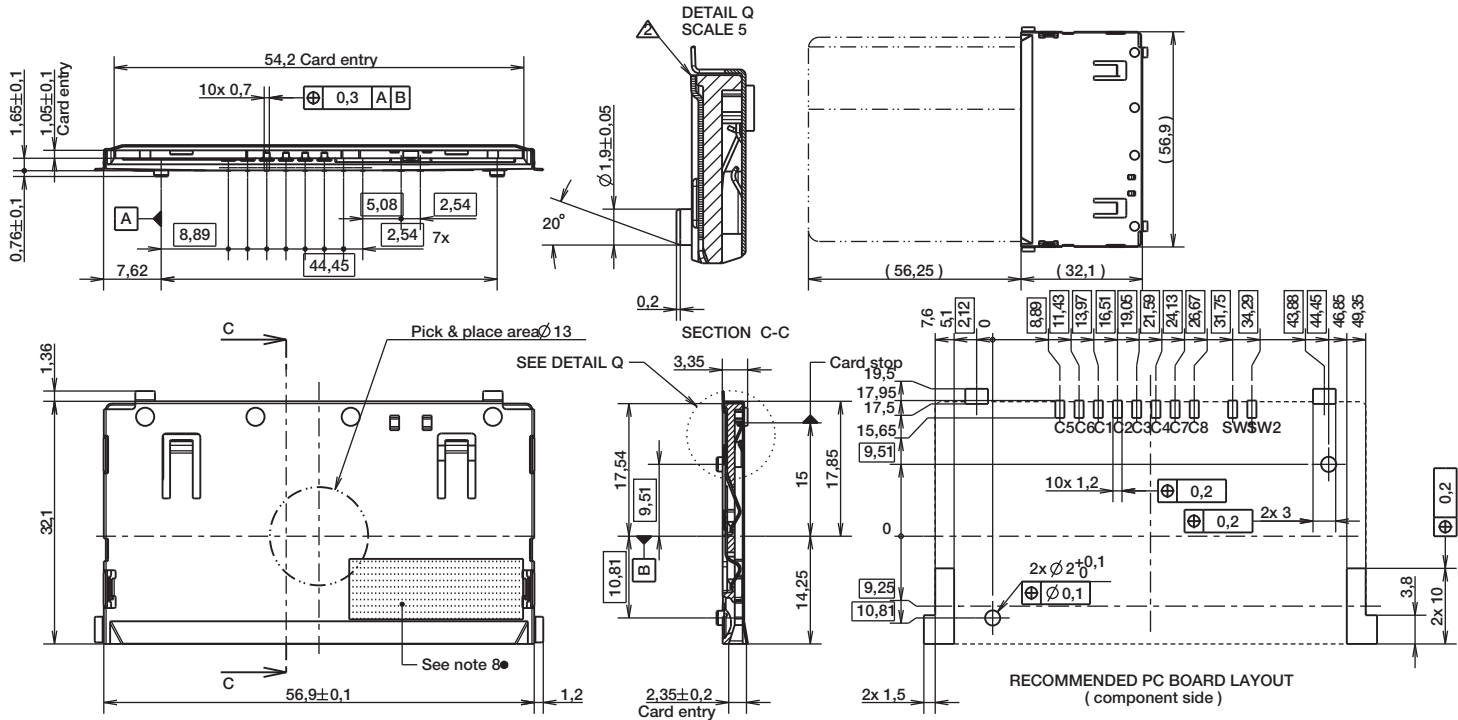
To order, simply select desired option from each category and place in the appropriate box. For additional options not shown in catalog, consult our Customer Service Center.

C	C	M	0	1	-	2				L	F	T					
Cover Material																	
5 Plastic, 4.0 mm height																	
6 Metal, 3.2 mm height																	
7 Plastic, I/O																	
Contact Tail on PCB																	
0 Short, recessed (best for PCI)																	
1 Long (accessible, easy rework)																	
2 Long + 2 metal pegs (40 N overload)																	
3 Short, no pegs																	
ESD Protection																	
3 Full ESD protection (card edge & IC)																	
4 Card edge ESD (only for metal version)																	
5 Low cost ESD (card edge for plastic cover)																	
							Lead Free RoHS										
							LFT Tin plated terminals										
							Packaging										
							T25 Pack tray 25 parts										
							R351 Pack reel 350 parts										
							NONE Leave blank only applicable with metal pegs option (CCM01-2x2x)										
							AE										

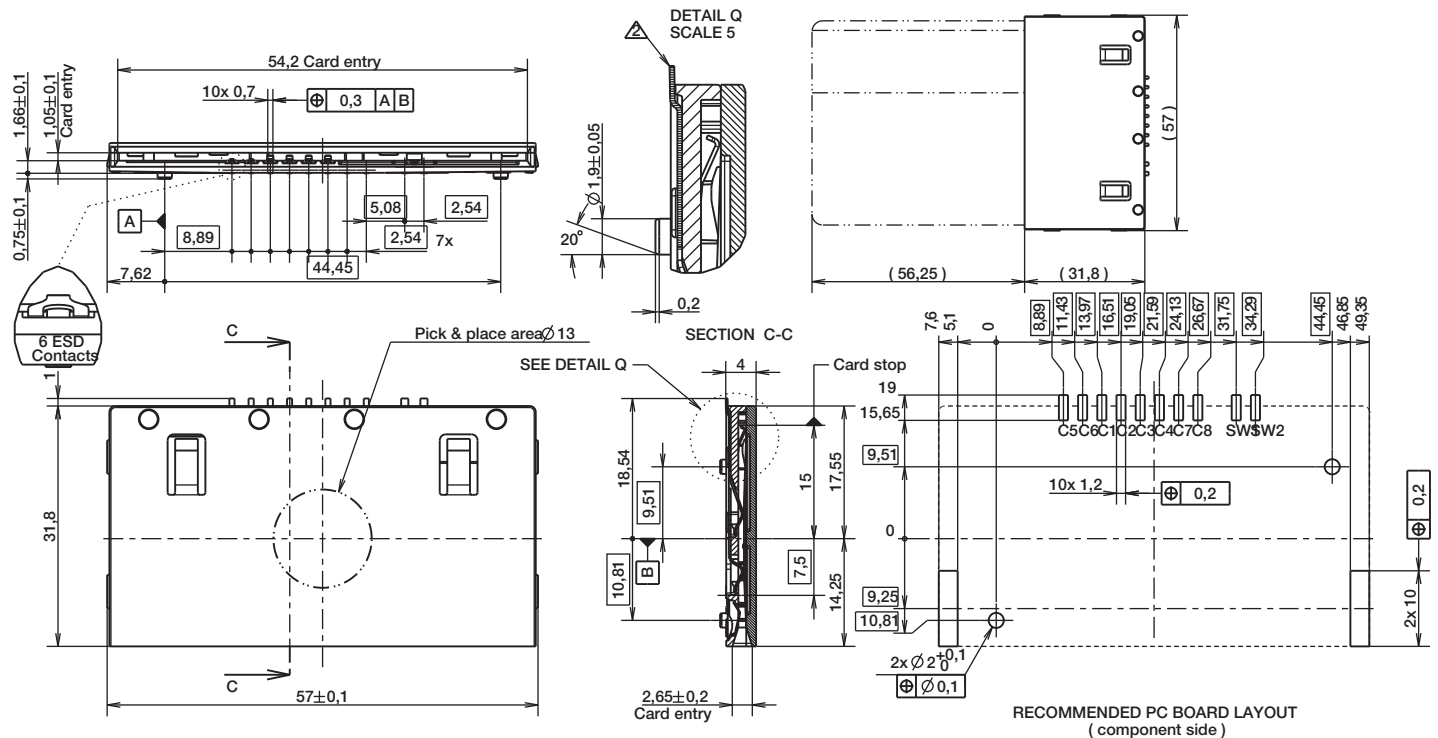
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ACTUATOR

CCM01-2604 LFT T25 Metal cover, short tails



CCM01-2513 LFT T25 Plastic cover, long tails, full ESD protection



ACTUATOR

Plastic cover, long tails, metal pegs



Metal cover, long tails, no ESD protection



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