

Features/Benefits

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

Typical Applications

- Transaction
- Identification
- POS
- MPOS



Full Size

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	

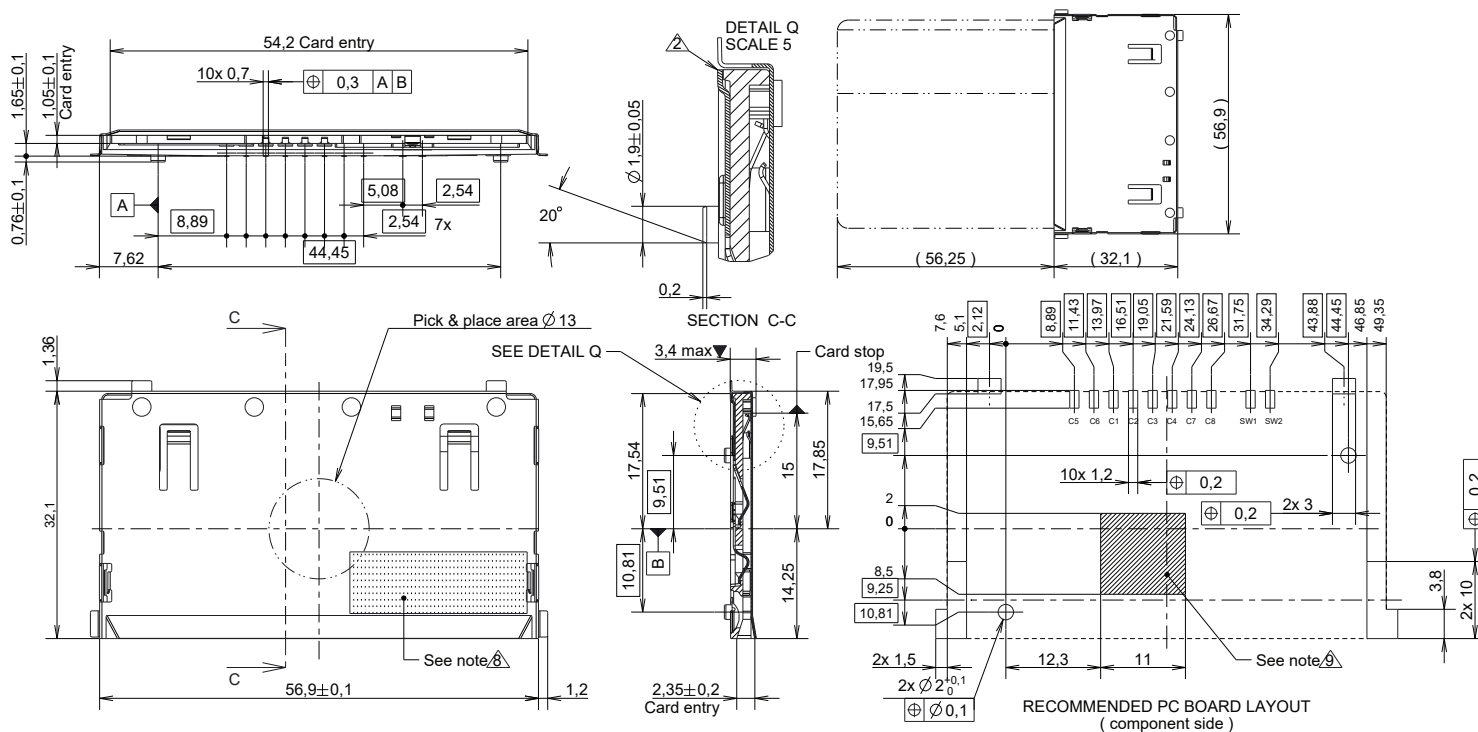
How To Order

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.

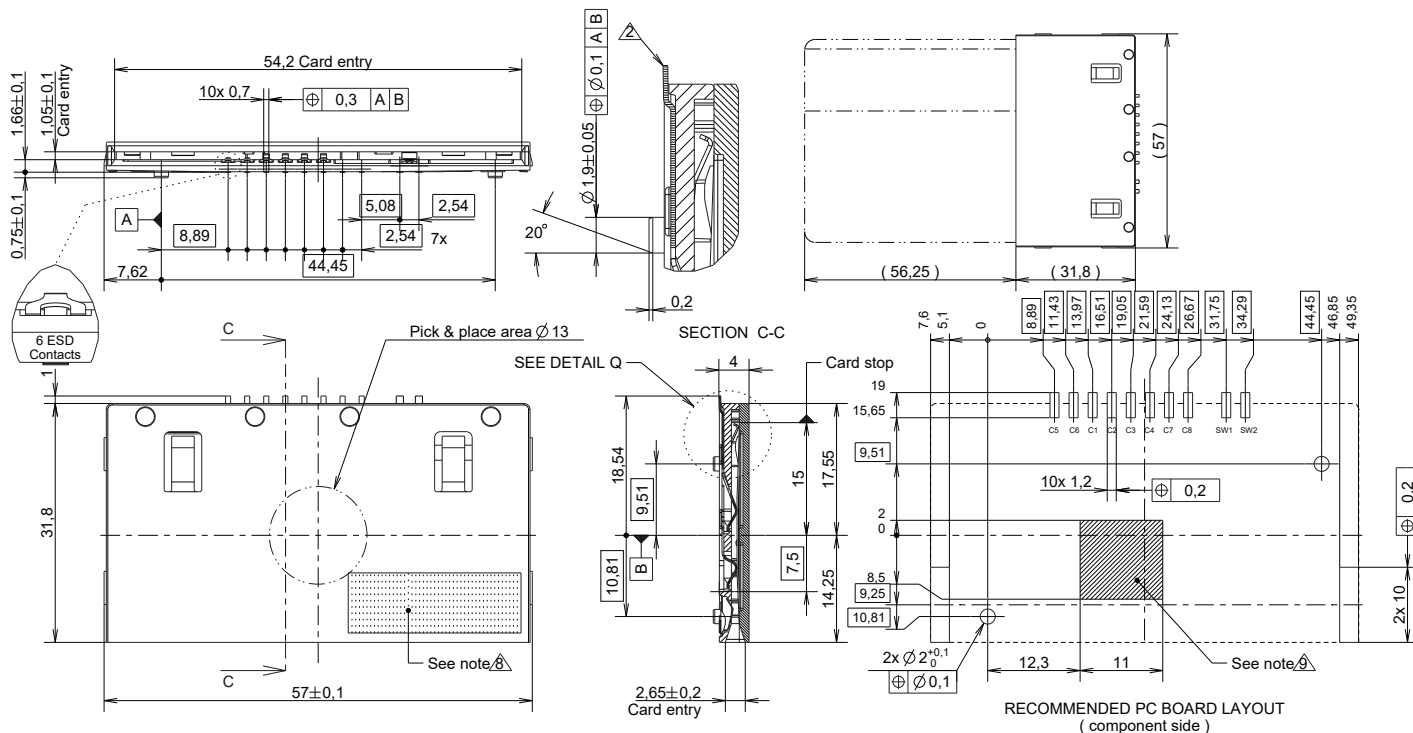
C C M 0 1 - 2 Cover Material 5 Plastic, 4.0 mm height 6 Metal, 3.2 mm height Contact Tail on PCB 0 Short, recessed (best for PCI) 1 Long (accessible, easy rework) 5 Flat contact - long CMS 6 Flat contact - short CMS ESD Protection 3 Full ESD protection (card edge & IC) 4 Card edge ESD (only for metal version) 5 Low cost ESD (card edge for plastic cover)	L F T Lead Free RoHS LFT Tin plated terminals	Packaging T25 Pack tray 25 parts R351 Pack reel 350 parts
---	---	---

CCM01 MK5 Series

CCM01-2664 LFT T25 Metal cover, short tails



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



6 Feb 19



Dimensions are shown in mm
Specifications and dimensions subject to change

www.ckswitches.com

Full Size

C&K

13



www.ckswitches.com

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

C&K Switches:

[CCM01 2513 LFT T25](#) [CCM01 2614 LFT T25](#) [CCM01 2604 LFT T25](#) [CCM01 2525 LFT T25](#) [CCM01 2623 LFT T25](#)
[CCM01 2505 LFT T25](#) [CCM01 2515 LFT T25](#) [CCM01 2633 LFT T25](#) [CCM01 2523 LFT T25](#) [CCM01 2603 LFT T25](#)
[CCM01 2503 LFT T25](#) [CCM01 2634 LFT T25](#) [CCM01 2624 LFT T25](#) [CCM01 2613 LFT T25](#) [CCM012027LFTR201](#)
[CCM012027LFTT25](#) [CCM01-2255LFT T30](#) [CCM012013BPLFTR201](#) [CCM012038LFTR181](#) [CCM012038LFTT30](#)
[CCM012013CPLFTT25](#) [CCM012029LFTT30](#) [CCM01-2012LFT T30](#) [CCM012271APLFTT30](#) [CCM012112LFTT30](#)
[CCM012513LFTT25](#) [CCM012012LFTT30](#) [CCM012634LFTT25](#) [CCM012505LFTT25](#) [CCM012515LFTT25](#)
[CCM012604LFTT25](#) [CCM012613LFTT25](#) [CCM012624LFTT25](#) [CCM012633LFTT25](#) [CCM012523LFTT25](#)
[CCM012525LFTT25](#) [CCM012603LFTT25](#) [CCM012614LFTT25](#) [CCM012623LFTT25](#) [CCM012503LFTT25](#)