

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	

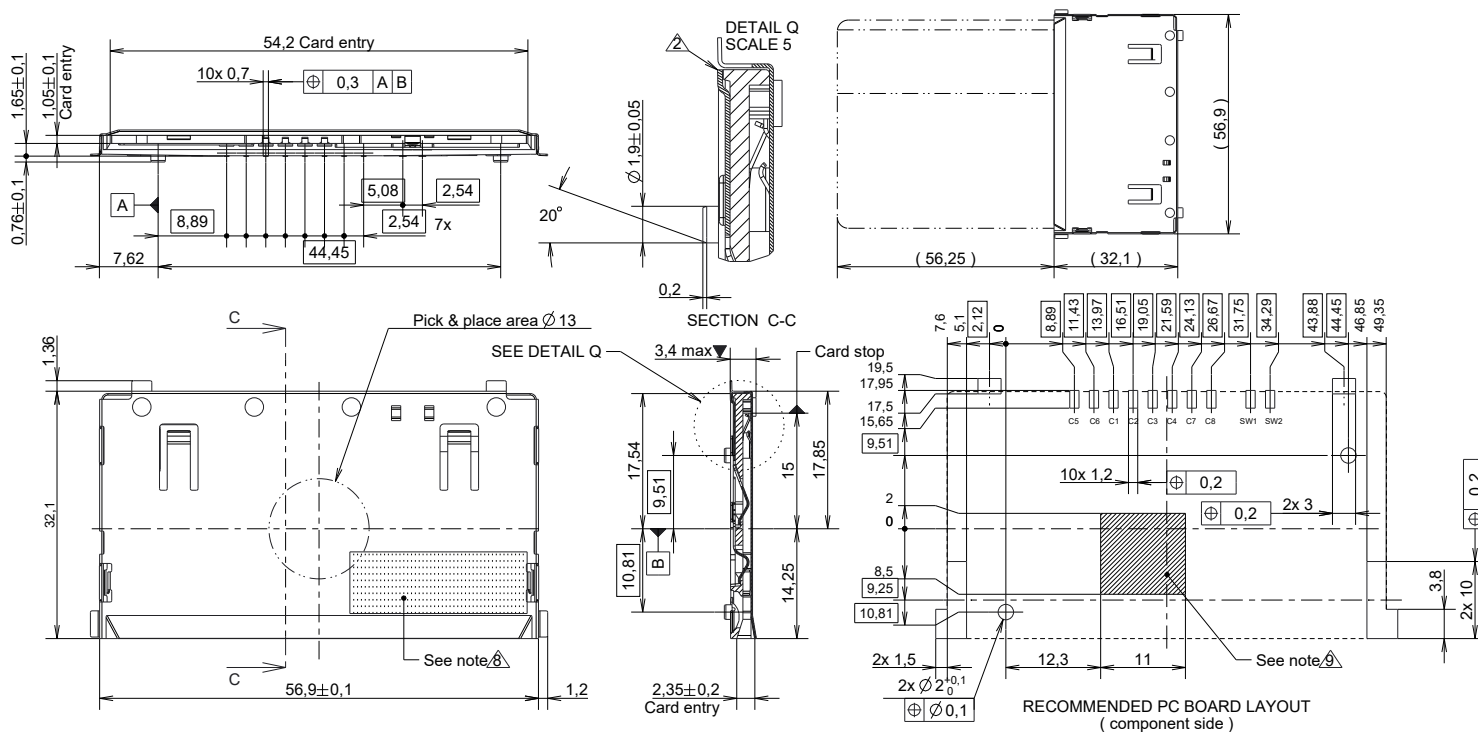
How To Order

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.

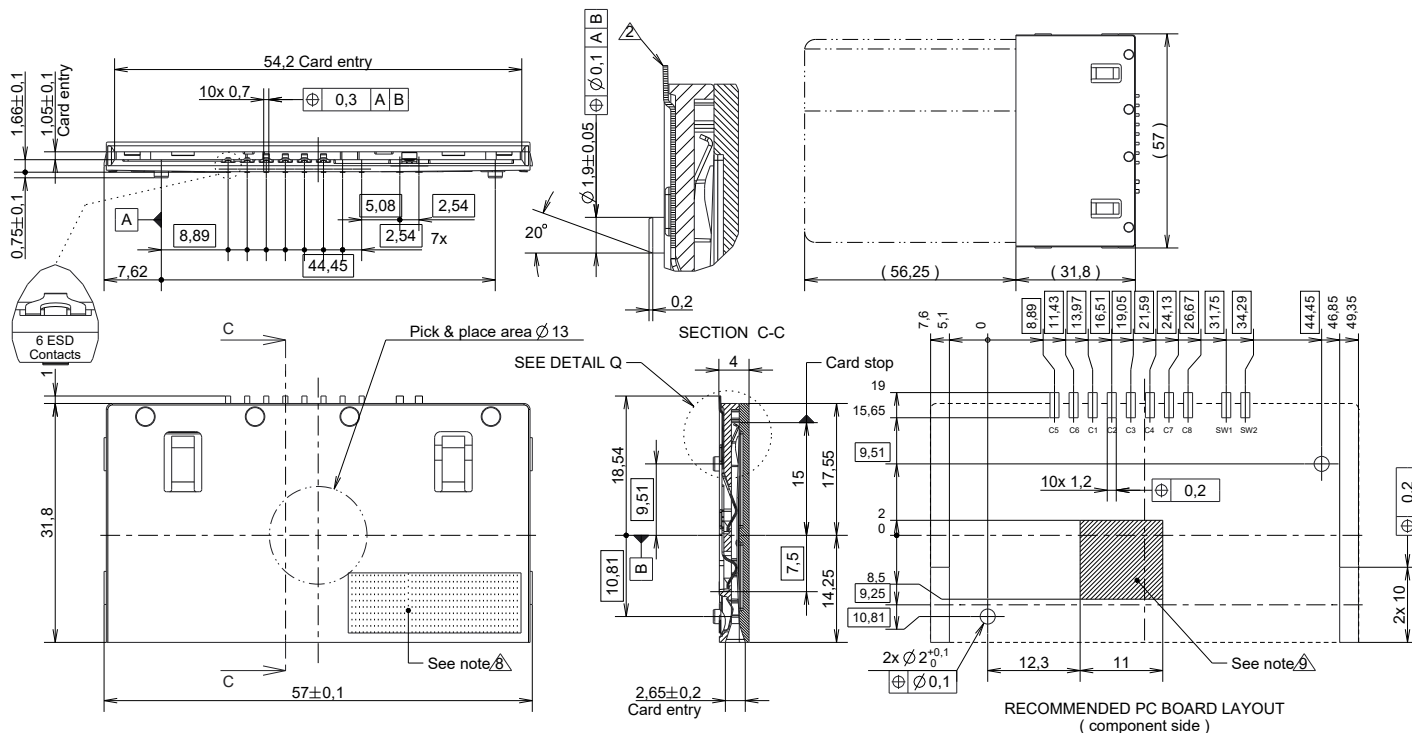
C C M 0 1 - 2 Cover Material 5 Plastic, 4.0 mm height 6 Metal, 3.2 mm height Contact Tail on PCB 2 Long CMS + 2 metal pegs (40N overload) 5 Long CMS (accessible, easy rework) 6 Short CMS, recessed (best for PCI) ESD Protection 3 Full ESD protection (card edge & IC) 4 Card edge ESD (only for metal version) 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
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CCM01 MK5 Series

CCM01-2664 LFT T25 Metal cover, short tails



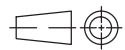
CCM01-2553 LFT T25 Plastic cover, long tails, full ESD protection



Full Size

C&K

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Dimensions are shown in mm
Specifications and dimensions subject to change

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Mouser Electronics

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[CCM01 2505 LFT T25](#) [CCM01 2515 LFT T25](#) [CCM01 2633 LFT T25](#) [CCM01 2523 LFT T25](#) [CCM01 2603 LFT T25](#)
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