

Smart Card Interconnect Devices

A

CCM01

MK I: MK I connectors have fixed contacts and a blade card detection switch unsealed. These connectors are intended for applications where the card usage is relatively low and the environment is benign.

MK II: EMV™ Compatible. MK II connectors with fixed contacts have been developed for applications where a landing contact mechanism is not required but performance and reliability are still key considerations.

MK III: EMV Compatible. MK III connectors are intended for applications such as pay TV, home shopping and utility meters. Mainly driven by the Set Top Box market for payment and/or deciphering.

CCM02 - Fig. 3

MK I: MK I is a connector with landing contacts. The contacts do not touch the card until it is almost fully inserted - a minimal wiping action removes any non-conductive material. Designed to give a positive feel as the card is fully inserted.

Features: 100,000 card insertion cycles.

MK II: EMV Compatible. MK II connectors with landing contacts are dedicated for applications where the reader usage is high and the life span of the card is a key consideration. It has been redesigned to give an even higher performance in a compact, affordable package.

Features: 500,000 card insertion cycles.

Fig.	Description	Digi-Key Part No.	1	Bulk Price Each 25	100	ITT Part No.
CCM01						
—	MK I, 8 Contact PCB	401-1671-ND	3.33	2.67	2.11	CCM01-1NF
1	MK II, 8 Contact SMT with Board Lock	401-1672-ND	3.54	2.84	2.25	CCM01-2065
	MK II, 8 Contact SMT	401-1673-ND	3.47	2.78	2.20	CCM01-2251
2	MK III, Standard 8 Contact PCB	401-1674-ND	1.31	1.22	1.12	CCM01-6101
	MK III, Reverse 8 Contact PCB	401-1675-ND	1.37	1.26	1.16	CCM01-6201
CCM02						
3	MK I, 8 Contact PCB with Landing Contacts, Standard	401-1676-ND	8.36	6.69	5.30	CCM02-1NO-3
	MK I, 8 Contact PCB with Landing Contacts, Narrow	401-1677-ND	8.36	6.69	5.30	CCM02-1NO-32
	MK I, 8 Contact PCB with Landing Contacts and Extended Cover	401-1678-ND	10.88	8.70	6.89	CCM02-1NO-35
	MK II, 8 Contact PCB with Four Board Locks	401-1679-ND	6.57	5.26	4.17	CCM02-2503
	MK II, 8 Contact SMT with Four Board Locks	401-1680-ND	6.57	5.26	4.17	CCM02-2504
	MK II, 8 Contact SMT with Two Pegs	401-1681-ND	6.57	5.26	4.17	CCM02-2508
	MK II, 8 Contact PCB with Four Pegs	401-1682-ND	6.57	5.26	4.17	CCM02-2511

Fig.	Description	Digi-Key Part No.	Cut Tape Price Each			Digi-Key Part No.	Tape & Reel		ITT Part No.
			1	25	100		Size	Pricing	
CCM03									
4	MK II, 6 Contact Hinged Cover	401-1683-1-ND	1.78	1.65	1.51	401-1683-2-ND	1,000	988.20	CCM03-3001
	MK II, 8 Contact Hinged Cover with Locating Pegs	401-1684-1-ND	1.90	1.76	1.62	401-1684-2-ND	1,000	1054.80	CCM03-3004
	MK II, 6 Contact Hinged Cover, Gold	401-1685-1-ND	1.78	1.65	1.51	401-1685-2-ND	1,000	988.20	CCM03-3009
	MK II, 8 Contact Hinged Cover with Locating Pegs, Gold	401-1686-1-ND	1.90	1.76	1.62	401-1686-2-ND	1,000	1054.80	CCM03-3012
	MK II, 6 Contact Hinged Cover Gold with Card Switch	401-1687-1-ND	2.10	1.95	1.78	401-1687-2-ND	1,000	1164.60	CCM03-3013
	MK II, 8 Contact Fixed Cover	401-1688-1-ND	1.75	1.62	1.48	401-1688-2-ND	1,200	966.60/M	CCM03-3504
5	MK II, 6 Contact Side Hinged Auto Lock Cover	401-1689-1-ND	2.00	1.85	1.69	401-1689-2-ND	1,300	1105.20/M	CCM03-3517
	MK II, 6 Contact Front Hinged Auto Lock with Card Switch	401-1690-1-ND	2.00	1.85	1.69	401-1690-2-ND	1,300	1105.20/M	CCM03-3518
6	MK III, 6 Contact SIM/SAM Connector	401-1691-1-ND	2.43	2.25	2.06	401-1691-2-ND	5,000	1123.50/M	CCM03-3754
	MK III, 6 Contact SIM/SAM Connector with Ground	401-1692-1-ND	2.89	2.67	2.45	401-1692-2-ND	1,000	1598.00	CCM03-3758
CCM04									
7	MK II, 8 Contact SMT Low Profile 1.25mm	401-1693-1-ND	3.48	3.21	2.95	401-1693-2-ND	1,000	1926.00	CCM04-1889
	MK II, 8 Contact SMT Low Profile 2.75mm	401-1694-1-ND	3.66	3.39	3.10	401-1694-2-ND	700	1561.14	CCM04-1316
	MK II, 8 Contact SMT Low Profile 2.75mm with Switch	401-1695-1-ND	3.84	3.54	3.25	401-1695-2-ND	700	1486.80	CCM04-1317
8	MK III, 8 Contact SMT Low Profile 1.90mm with Switch	401-1696-1-ND	2.84	2.63	2.41	401-1696-2-ND	1,000	1575.00	CCM04-4248
CCM05									
9	MK II, 9 Contact SD/MMC Memory Card Connector	401-1697-1-ND	2.87	2.65	2.43	401-1697-2-ND	600	953.40	CCM05-5761R601
10	MK II, 10 Contact Mini SD Memory Card Connector	401-1699-ND† NEW!	2.25	1.80	1.43	—	—	—	CCM05-5773

† Bulk Pricing

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