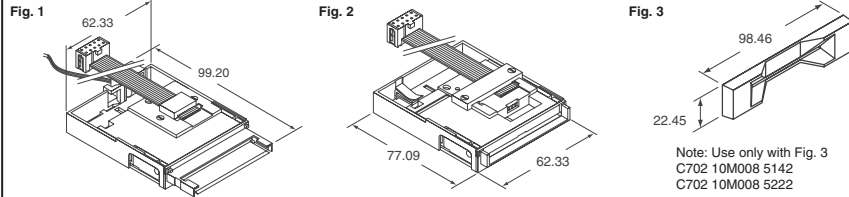


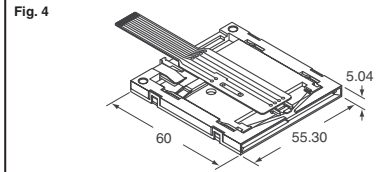
A

**PUSHMATIC® Standard Style Smart Card Connectors**



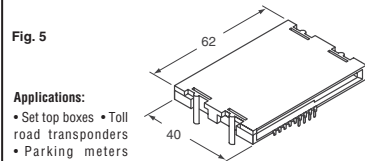
**Applications:** • Unattended Point of Sale systems • Vending equipment • Access control **Design Features:** • High numbers of card insertion cycles, due to the principle of landing contacts • Designed for harsh applications and environments • Modular system with several operating methods from manual handling to automatic card ejection • Bezel Accessory **Assembly Instructions:** Please make sure that interface cables are unrestricted and free to move after assembly.

**Superflat Style Smart Card Connectors**



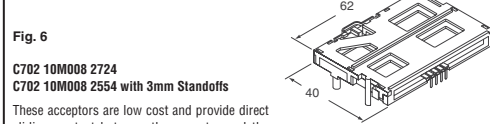
**Applications:** • Point of Sale systems • Mobile devices • Access control • Keyboards **Design Features:** • Miniature size ideally suited for mobile devices **Assembly Instructions:** Please make sure that flexprints remain free and unrestricted after assembly.

**PCB Mount Wiping Contact Smart Card Connectors**



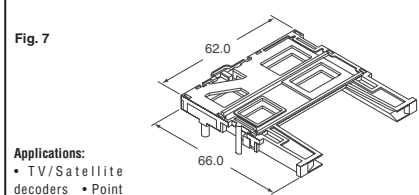
**Applications:** • Set top boxes • Toll road transponders • Parking meters • Utility metering systems **Design Features:** • Termination: dip solder pins • Special shape of wiping contacts minimize card scratching and wear • Smart Card Connector meets the requirements as specified in document ISO 7816 **Soldering Conditions:** • Wave soldering: 260°C; 10s maximum

**PCB Mount Wiping Contact Smart Card Connectors**



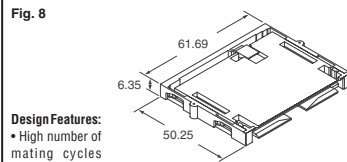
**C702 10M008 2724**  
**C702 10M008 2554 with 3mm Standoffs**  
These acceptors are low cost and provide direct sliding contact between the acceptor and the chip card. These acceptors have NC closed card present switches which open when the card is fully inserted. **Applications:** • Set top boxes • Toll road transponders • Parking meters • Utility metering systems **Design Features:** • Termination: dip solder pins • Special shape of wiping contacts minimize card scratching and wear • Smart Card Connector meets the requirements as specified in document EMV 96 (Europay Mastercard Visa/Integrated Circuit Card Specification for Payment Systems) Includes 3mm stand-offs **Soldering Conditions:** • Wave soldering: 260°C; 10s maximum

**PCB Mounting Contact Smart Card Connectors with 3mm Standoffs**



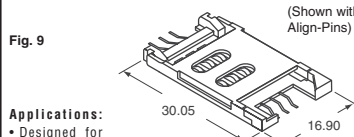
**Applications:** • TV/Satellite decoders • Point of Sale systems • Computer networks and energy meters • Also suitable for applications with permanently inserted cards under changing temperatures **Design Features:** • Meets the EMV Integrated Circuit Card Specification for Payment Systems (Europay Mastercard Visa) • Has a switch which indicates whether a card is in the reading position

**Landing Card PCB Mount Smart Card Connectors**



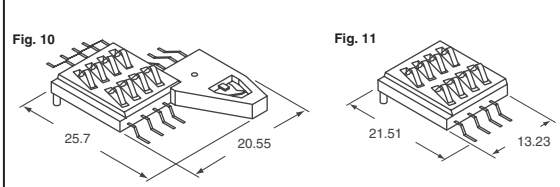
**Design Features:** • High number of mating cycles due to minimized wiping distance on card contacts • Contact self-cleaning effect • Short card insertion depth **Soldering Conditions:** • Wave soldering: 260°C; 10s maximum

**SIMLOCK®**



**Applications:** • Designed for mini SIM/SAM card **Design Features:** • Size: same footprint as SIM card • Reliable function in locked state during mobile use • Polarization notch does not allow incorrect card positioning • Suitable for automatic assembly processes (Pick and Place, Tape and Reel, and Reflow) **Soldering Conditions:** • Infrared reflow: 245°C; 10s maximum

**SIMBLOCK®**



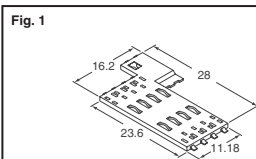
**Applications:** • Handsets • E-Purses **Design Features:** • Contacts chip cards according to ISO 7816 and Plug in SIM-Cards • Low height (2mm standard) • High co-planarity accuracy • SMT-Version with 6 contacts especially designed for GSM 11.11 interfaces **Soldering Conditions:** • Infrared reflow: 245°C; 10s maximum

Fig.	Description	Digi-Key Part No.	Price Each			Amphenol Part No.
			1	25	100	
1	Pushmatic®, 12V, ISO	361-1001-ND	26.24	24.50	22.75	C702 10M008 7002
		361-1002-ND	26.24	24.50	22.75	C702 10M008 7012
2	Push Pull, ISO	361-1003-ND	16.74	15.63	14.51	C702 10M008 5142
		361-1004-ND	16.41	15.32	14.23	C702 10M008 5222
3	Plastic Bezel, Black, Standard Style	361-1012-ND	14.49	12.68	11.24	C702 N11 141 E2
		361-1015-ND	8.15	7.13	6.32	C702 10M008 0014
5	ISO Wiping Contact, Snap-In	361-1016-ND	2.15	1.67	1.34	C702 10M008 2064
6	ISO Wiping Contact, EMV, Snap-In	361-1018-ND	1.82	1.40	1.12	C702 10M008 2724 A
		361-1019-ND	1.82	1.40	1.12	C702 10M008 2554

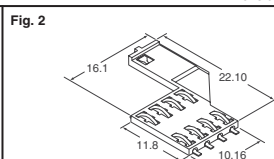
Fig.	Description	Digi-Key Part No.	Price Each			Amphenol Part No.
			1	25	100	
7	ISO Wiping Contact with Rails, with Standoffs	361-1017-ND	3.51	2.71	2.17	C702 10M008 2834
8	ISO Landing PCB	361-1013-ND	7.04	5.69	4.47	C702 10M008 1214
9	SIMLOCK® without Align-Pins, Black	361-1020-1-ND	2.29	1.77	1.41	C707 10M006 5002
		361-1020-2-ND	788.73/800			C707 10M006 5002
10	SIMLOCK® with Align-Pins, Black	361-1021-1-ND	2.29	1.77	1.41	C707 10M006 0492
		361-1021-2-ND	788.73/800			C707 10M006 0492
11	SIMBLOCK® with NC Switch	361-1146-ND	3.46	2.68	2.15	C707 10M006 0652
11	SIMBLOCK® without Switch	361-1024-ND	3.14	2.42	1.94	C707 10M006 0522

◆ RoHS Compliant † Cut Tape ‡ Tape and Reel

**C&K Smart Card Interconnect Devices**



**MK II:** Connectors are without card guidance and used where space is at a premium and the card guidance can be built around the connector (rather than provided by the connector itself).



**MK III:** EMV Compatible. Designed to interface with either full or SIM/SAM smart cards and designed to minimize space usage on the PCB.

Fig.	Description	Digi-Key Part No.	Cut Tape Price Each			C&K Components Part No.
			1	25	100	
<b>CCM04</b>						
1	MK II, 8 Contact SMT Low Profile 2.75mm	401-1728-1-ND	3.91	3.61	3.31	CCM04-1316LFT
	MK II, 8 Contact SMT Low Profile 2.75mm with Switch	401-1729-1-ND	3.72	3.44	3.16	CCM04-1317LFT
2	MK III, 8 Contact SMT Low Profile 1.90mm with Switch	401-1731-1-ND	1.97	1.82	1.67	CCM04-4248LFS

Free shipping on orders over £50! All prices are in British pound sterling and include duties.