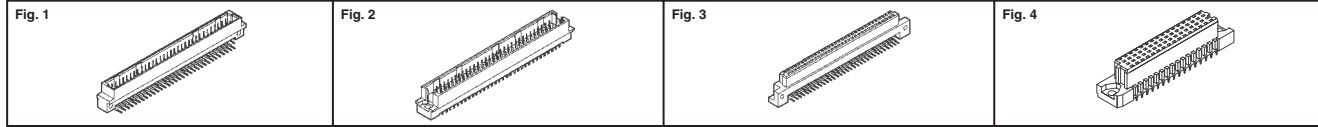




Connectors – DIN

Approvals: Din 41612/Din-EN60603-2, IEC603-2, MIL-C-55302, BS 9000, BT, NFC 93.420, PTT, UTE C 93.420, UL File #E189169, CSA File #LR 108833

A



| Fig. | No. of Rows | No. of Pins | Style | Digi-Key Part No. | Price Each | | | | AVX Part No. |
|-------------|-------------|------------------------|------------------------|-------------------|------------|-------|------|-----------------|-----------------|
| | | | | | 1 | 25 | 50 | 100 | |
| Plug | | | | | | | | | |
| 1 | 2 | 32 | 1/2 B | 478-1945-ND | 4.02 | 3.74 | 3.02 | 2.52 | 108457032002025 |
| | 2 | 64 | B | 478-1946-ND | 2.72 | 2.53 | 2.05 | 1.71 | 108457064002025 |
| | 4 | 128 | C Expanded | 478-1947-ND | 10.98 | 10.19 | 8.23 | 6.86 | 108457128002025 |
| | 3 | 96 | A + B + C fully loaded | 478-4886-ND | 6.85 | 6.37 | 5.14 | 4.29 | 108458096001025 |
| | 3 | 64 | A + C fully loaded | 478-4887-ND | 5.71 | 5.31 | 4.29 | 3.58 | 108458096001026 |
| | 3 | 96 | A + B + C fully loaded | 478-4888-ND | 6.58 | 6.12 | 4.94 | 4.12 | 108458096031025 |
| | 3 | 64 | A + C fully loaded | 478-4889-ND | 4.90 | 4.55 | 3.68 | 3.07 | 108458096031026 |
| | 3 | 96 | A + B + C fully loaded | 478-4890-ND | 4.60 | 4.27 | 3.45 | 2.88 | 108557096002025 |
| 3 | 96 | A + C fully loaded | 478-4891-ND | 3.48 | 3.23 | 2.61 | 2.18 | 108557096002026 | |
| | 96 | A + B + C fully loaded | 478-4892-ND | 5.33 | 4.95 | 4.00 | 3.33 | 168557096002025 | |
| | 64 | A + C fully loaded | 478-4893-ND | 5.33 | 4.95 | 4.00 | 3.33 | 168557096002026 | |

| Fig. | No. of Rows | No. of Pins | Style | Digi-Key Part No. | Price Each | | | | AVX Part No. | |
|------|-------------------|-------------|------------------------|-------------------|-------------|-------|------|------|-----------------|-----------------|
| | | | | | 1 | 25 | 50 | 100 | | |
| 2 | 3 | 48 | R High Temperature | 478-1956-ND | 4.17 | 3.87 | 3.13 | 2.61 | 108577096002025 | |
| | 3 | 64 | A + C fully loaded | 478-4519-ND | 2.77 | 2.57 | 2.08 | 1.73 | 108457096002026 | |
| | 3 | 96 | A + B + C fully loaded | 478-4518-ND | 3.72 | 3.46 | 2.80 | 2.33 | 108457096002025 | |
| | 3 | 96 | R | 478-1950-ND | 2.69 | 2.50 | 2.02 | 1.68 | 108477096001025 | |
| | 3 | 96 | A + B + C fully loaded | 478-4885-ND | 5.74 | 5.33 | 4.30 | 3.59 | 108457096001025 | |
| 3 | 3 | 96 | A + B + C fully loaded | 478-4894-ND | 4.25 | 3.95 | 3.19 | 2.66 | 168577096001025 | |
| | Receptacle | | | | | | | | | |
| | 3 | 3 | 96 | R | 478-1949-ND | 4.92 | 4.57 | 3.70 | 3.08 | 208477096002025 |
| | 4 | 128 | R Expanded | 478-1951-ND | 10.82 | 10.05 | 8.12 | 6.76 | 208477128002025 | |
| | 3 | 96 | A + B + C fully loaded | 478-5123-ND | 2.64 | 2.46 | 1.99 | 1.66 | 208457046001025 | |
| 4 | 3 | 96 | A + B + C fully loaded | 478-5124-ND | 5.08 | 4.72 | 3.82 | 3.18 | 208457096001025 | |
| | 3 | 64 | A + C fully loaded | 478-4520-ND | 3.94 | 3.67 | 2.96 | 2.47 | 208457096001026 | |
| | 3 | 96 | A + B + C fully loaded | 478-4521-ND | 3.66 | 3.40 | 2.75 | 2.29 | 208458096001025 | |
| | 3 | 64 | A + C fully loaded | 478-4895-ND | 3.48 | 3.23 | 2.61 | 2.18 | 208458096001026 | |

◆ RoHS Compliant

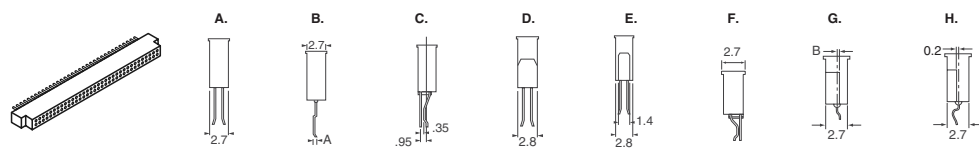


PCMCIA IC Memory Card Connectors

HIROSE ELECTRIC CO., LTD.

Fig. 1 — IC1 Series

The IC1 Series connectors comply with Version 3 and Version 4.2, JEIDA and PCMCIA 2.0 Standards. Features: • Surface mount socket connectors (card side) • Off-center socket connectors high packaging profile • Surface mount header connectors are available



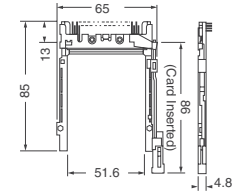
| Fig. | No. of Pins | Type | Description | Digi-Key Part No. | Pricing | | Hirose Part No. |
|-------------------------------------|-------------|------------|-------------------------------|-------------------|---------|-------|--------------------------|
| | | | | | 1 | 10 | |
| Socket Connector Memory Card | | | | | | | |
| 1A | 68 | I, II | 2.7mm Dual | HR1181-ND | 4.85 | 41.05 | IC1F-68RD-1.27SH(52) |
| 1B | 68 | I, II | Single Side, A = .3mm | HR1182-ND | 6.27 | 53.03 | IC1F-68RD-1.27SF(52) |
| | | | Single Side, A = .854mm | HR1183-ND | 6.21 | 52.55 | IC1F-68RD-1.27SFA(52) |
| 1C | 68 | I, II | Off-Center | HR1184-ND | 5.59 | 47.28 | IC1H-68RD-1.27SH(52) |
| 1D | 68 | I, II | 2.8mm Dual | HR832-ND | 5.02 | 42.49 | IC1BB-68RD-1.27SH |
| | | | 2.8mm Dual | HR1185-ND | 4.84 | 40.89 | IC1BB-68RD-1.27SH(52) |
| 1E | 68 | I, II | 2.8mm Dual | HR1186-ND | 6.05 | 52.56 | IC1BA-68RD-1.27SH(52) |
| 1F | 68 | I, II | 2.7mm Dual | HR1187-ND | 3.83 | 31.71 | IC1HA-68RD-1.27SH(51) |
| 1G | 68 | I, II | 2.7mm Dual, B = .3mm | HR1188-ND | 4.95 | 40.95 | IC1K-68RD-1.27SF(71) |
| | | | 2.7mm Dual, B = .9mm | HR1189-ND | 4.95 | 40.95 | IC1K-68RD-1.27SFA(71) |
| 1H | 68 | I, II | 2.7mm Dual | HR1190-ND | 4.95 | 40.95 | IC1K-68RD-1.27SFB(71) |
| Memory Card Connector | | | | | | | |
| 2 | 68 | I, II, III | Light Weight, Right Eject | HR1191-ND | 7.03 | 61.13 | IC7-68PD-1.27DS-EJR(72) |
| | | | Light Weight, Left Eject | HR817-ND | 6.45 | 54.62 | IC7-68PD-1.27DS-EJL |
| | | | Light Weight, Left Eject | HR1192-ND | 7.03 | 61.13 | IC7-68PD-1.27DS-EJL(72) |
| | | | Light Weight, Rev Right Eject | HR1193-ND | 7.00 | 60.84 | IC7-68PDR-1.27DS-EJR(72) |
| | | | Light Weight, Rev Left Eject | HR1194-ND | 7.00 | 60.84 | IC7-68PDR-1.27DS-EJL(72) |

◆ RoHS Compliant

Fig. 2 — IC7 Series

The IC7 Series complies with JEIDA Version 4.2 and is suitable for use with PCMCIA Type III cards.

- Features:**
- Small and lightweight
 - Two types of eject button, either left or right
 - Equipped with a frame ground terminal



3M Card Connector SD™



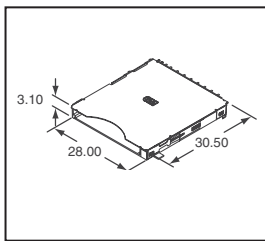
Specifications: • Compatible with both SD card and multimedia card formats • Smooth push - push eject mechanism • Write protect switch indicator • Card polarization • Card detection indicator • Meets SD Card Association standards for known compatibility and reliability • Connector has a 10,000 cycle reliability

Physical: • Insulation Material: High Temperature Thermoplastic • Flammability: UL 94V-0 • Color: Black • Contact Material: Copper Alloy • Plating: Underplating: 50µm minimum Nickel; Wiping Area: 10µm minimum Gold; Termination Area: 100µm maximum Matte-Tin

Electrical: • Current Rating: 0.5A • Operating Voltage: 3.6VAC

Environmental: • Operating Temperature: -25°C ~ 85°C

| Description | Digi-Key Part No. | Cut Tape Price Each | | | Digi-Key Part No. | Tape and Reel Pricing 300 | 3M Part No. |
|--|-------------------|---------------------|-----|-----|-------------------|---------------------------|-----------------|
| | | 1 | 10 | 100 | | | |
| SD, Push - Push Ejector, Right Angle SMT | 3M5646CT-ND | 1.01 | .86 | .77 | 3M5646TR-ND | 194.08 | SD-RSMT-2-MQ-WF |



Card Connector microSD™

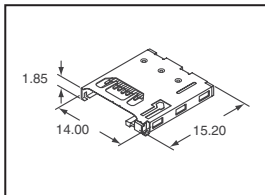


Specifications: • 1.85mm low profile height • Small size of 14.0mm x 14.2mm footprint • Smooth push - push eject mechanism • Card is retained when mated • Accepts card thickness of 0.8mm

Physical: • Insulation Material: High Temperature Thermoplastic • Flammability: UL 94V-0 • Color: Black • Contact Material: Copper Alloy • Plating: Underplating: 50µm (1.27µm) minimum Nickel; Wiping Area: 15µm (0.38µm) minimum Gold; Termination Area: 3µm (0.076µm) maximum Gold flash

Electrical: • Current Rating: 0.5A • **Environmental:** • Operating Temperature: -25°C ~ 85°C

| Description | Digi-Key Part No. | Cut Tape Price Each | | | Digi-Key Part No. | Tape and Reel Pricing 1,000 | 3M Part No. |
|-----------------------------------|-------------------|---------------------|-----|-----|-------------------|-----------------------------|--------------|
| | | 1 | 10 | 100 | | | |
| microSD, Push - Push Ejector, SMT | 3M5607CT-ND | .89 | .75 | .68 | 3M5607TR-ND | 569.69 | 2908-05WB-MG |



Digi-Reel® Most SMT cutdown parts are available on a Digi-Reel®. For Digi-Reel part number, change 1-ND to 6-ND or CT-ND to DKR-ND. See Digi-Key® Services on page 2 for additional information.

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

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