



YC ELECTRONICS CO., LTD

TECHNOLOGY

CABLE ASSEMBLY & CONNECTOR SOLUTIONS

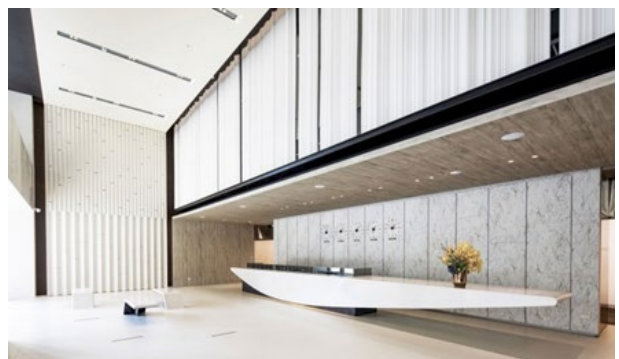
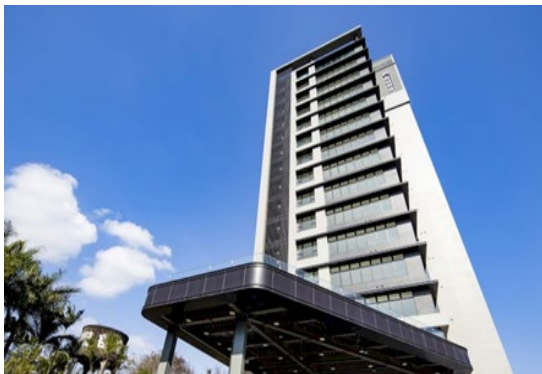


www.ycelect.com



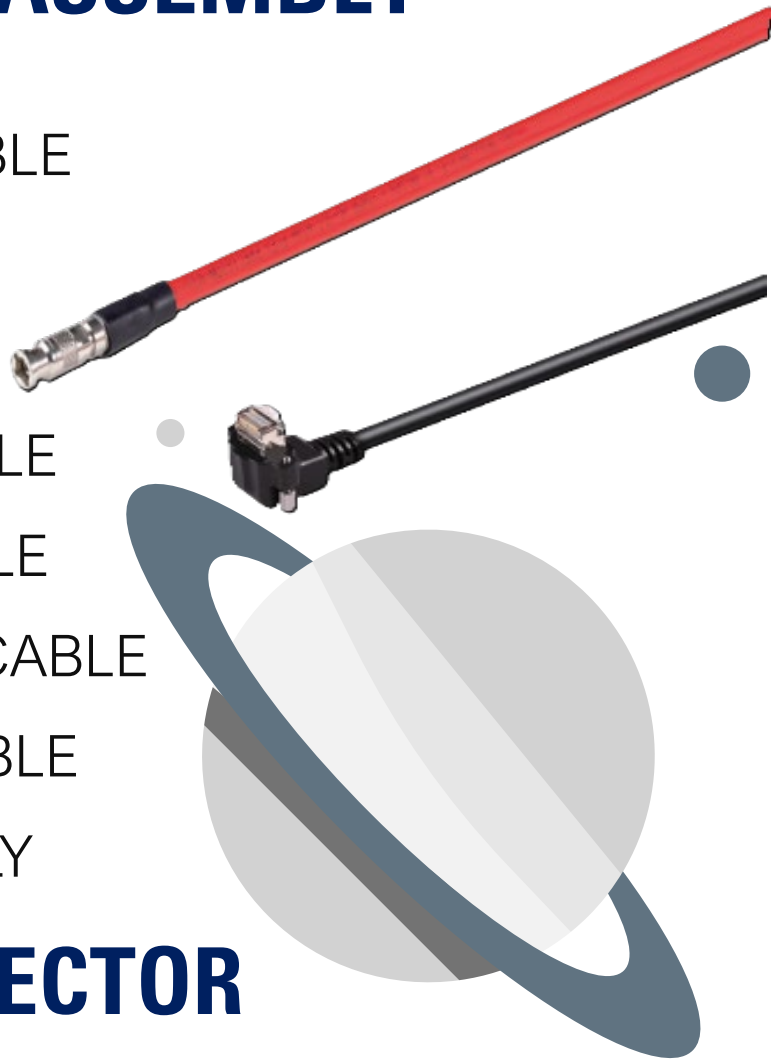
sales@ycelect.com

- ◆YC Electronics, Co., Ltd. is a professional manufacturer, with over 60 years of hands-on experience in connectors, cable assembly in copper and fiber optical. The Taiwan office is located at Taishan Dist., New Taipei City and China factory is located in Donguang City, Guangdong Province, China with ISO 9001, IATF16949 certificate and strong R&D teams to ensure consistent quality and reliable technical support.
- ◆The employees in Taiwan included production line is around 40 people and China is 200 people. We offer a total solution services. We work and are associated with international industry standard organizations to insure that our solutions are in line with the standard groups and the latest technologies, such as: AI, Vision, Server, and others.



CABLE ASSEMBLY

- MACHINE VISION CABLE
- LVDS CABLE
- RF CABLE
- FFC CABLE / RFC CABLE
- USB TYPE C FPC CABLE
- M SERIES CIRCULAR CABLE
- FIBER OPTICABLE CABLE
- FLAT CABLE ASSEMBLY



CONNECTOR

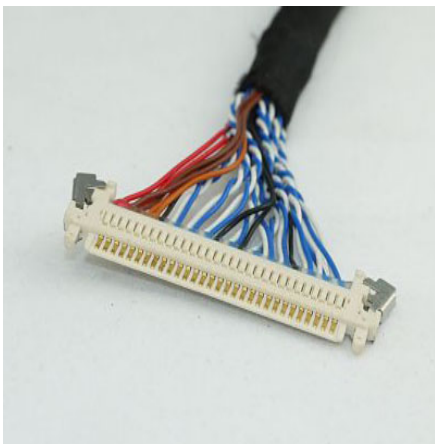
- USB 2.0 / 3.0 / TYPE C WATERPROOF
- SD / MICRO SD
- SIM / MICRO SIM/NANO SIM
- 1.0mmPIN HEADER/FEMALE HEADER
- 0.3mm / 0.5mm / 1.0mm PFC CONNECTOR
- M SERIES CIRCULAR CONNECTOR



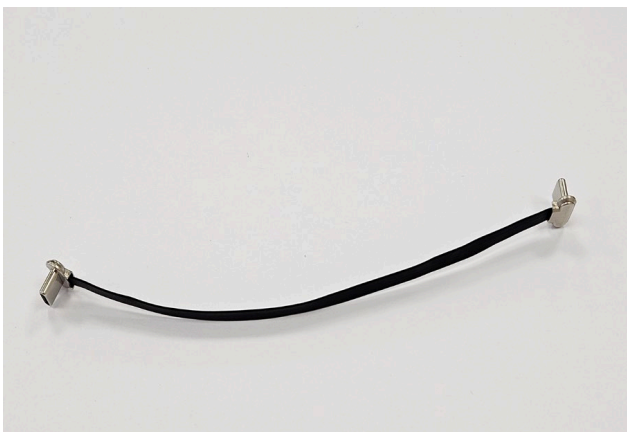
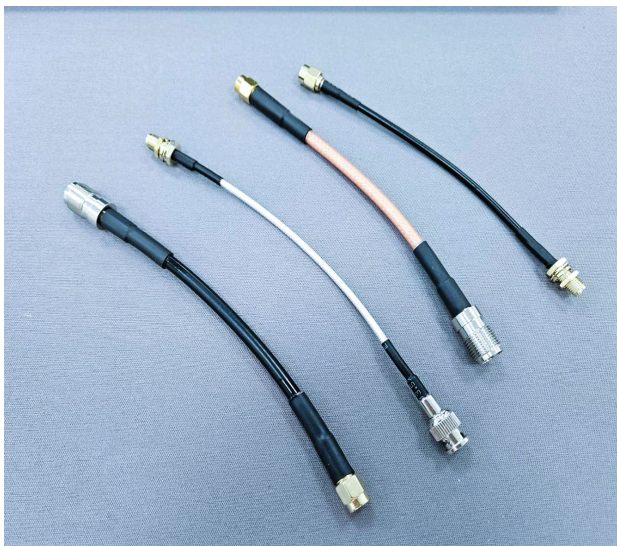
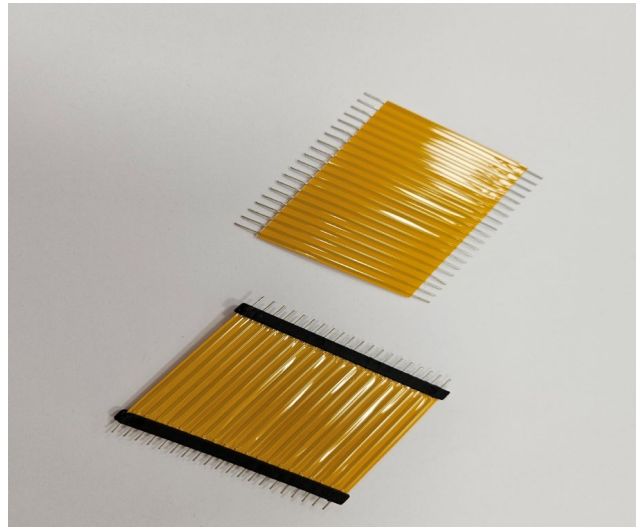
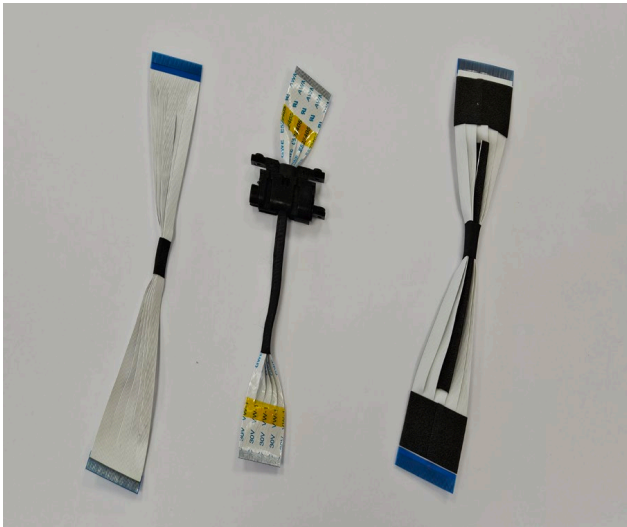
MACHINE VISION CABLE



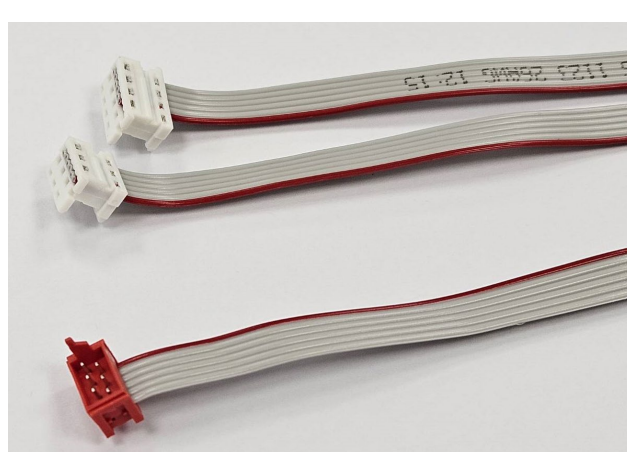
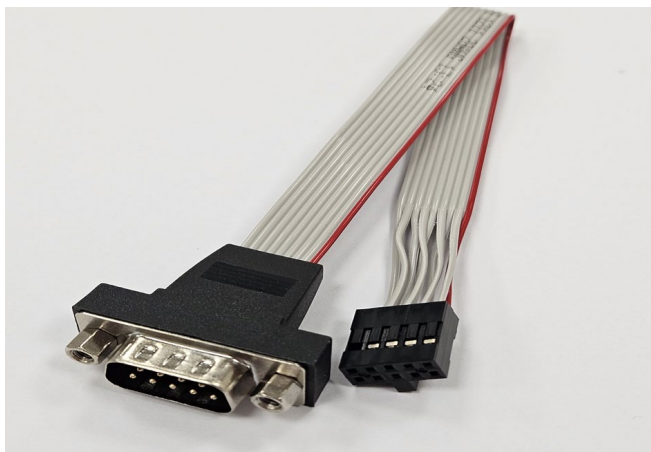
LVDS CABLE



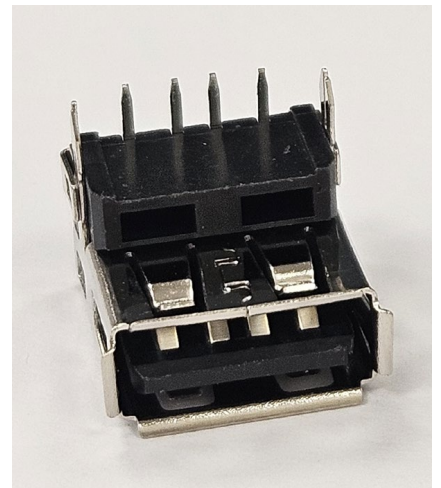
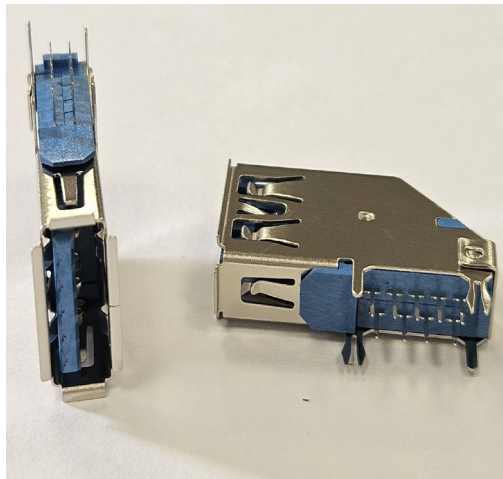
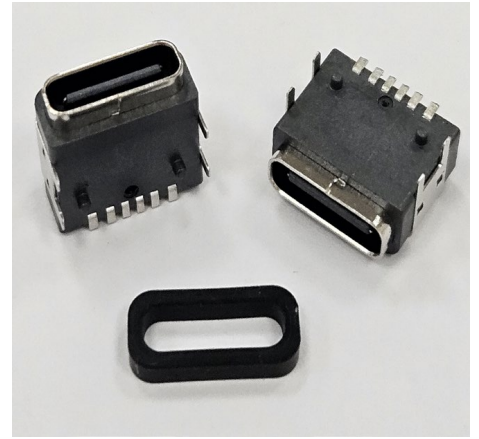
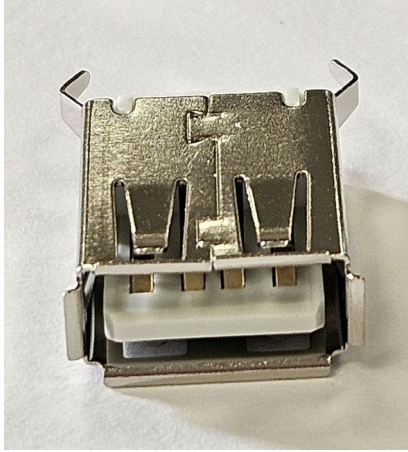
RF CABLE / FFC CABLE/ USB C FFC CABLE



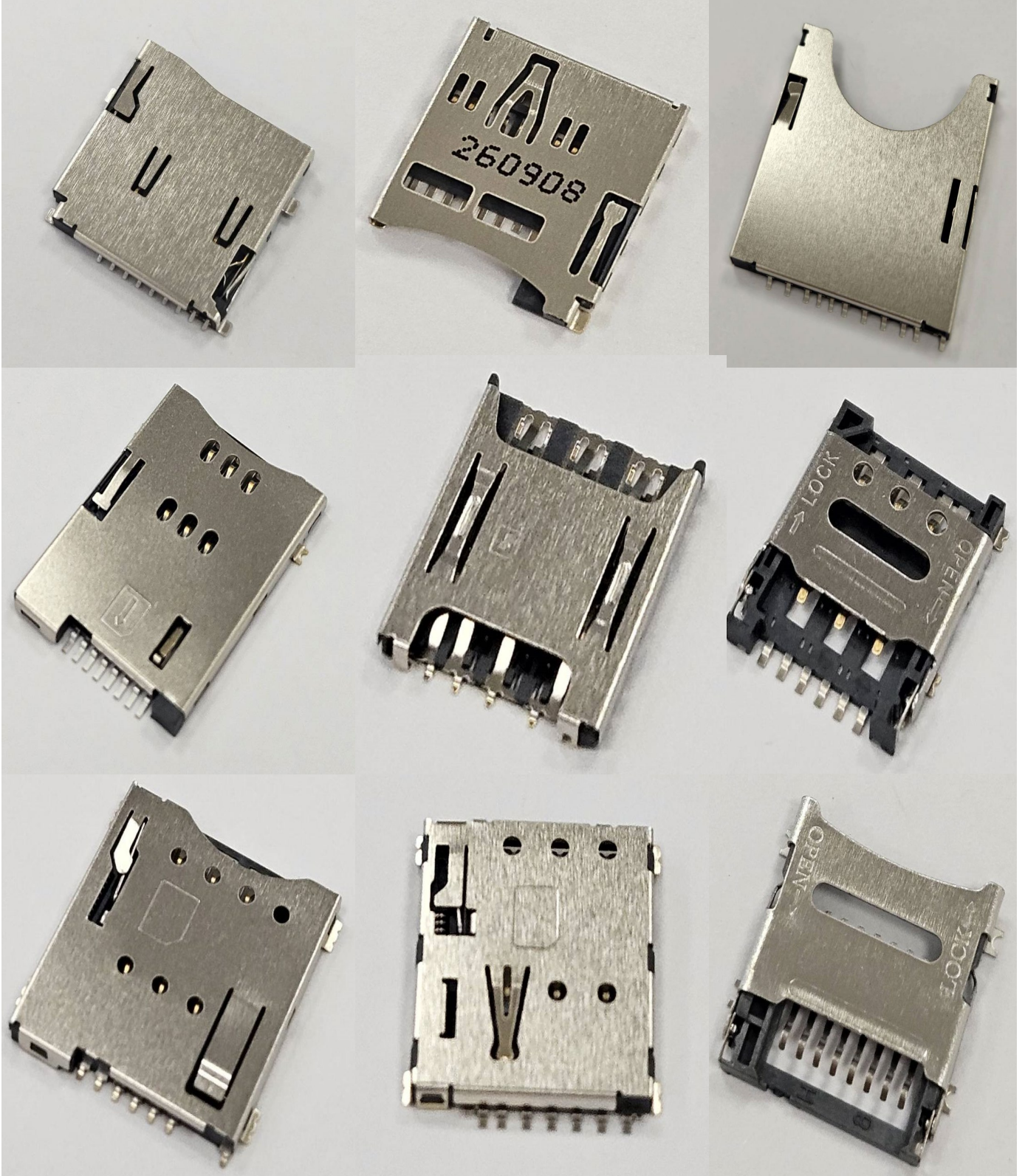
M SERIES CABLE / FLAT CABLE



USB SERIES 2.0/3.0 / TYPE C/ADAPTER

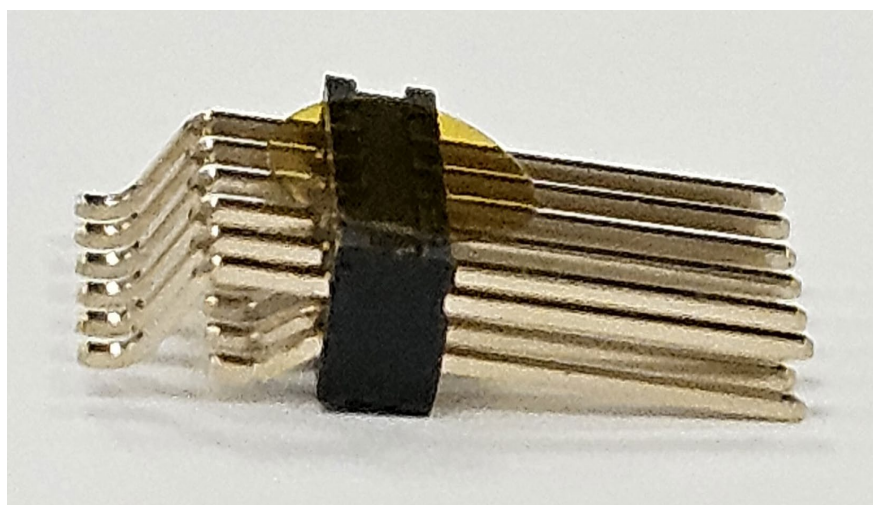
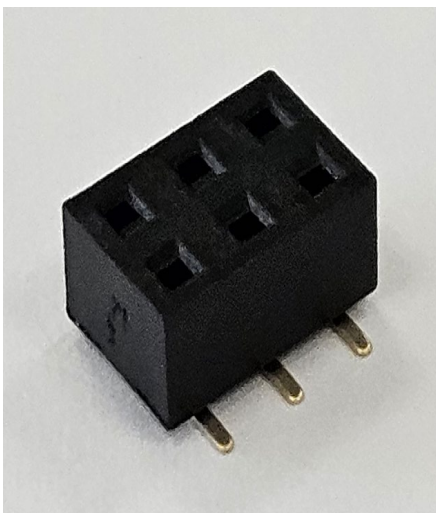
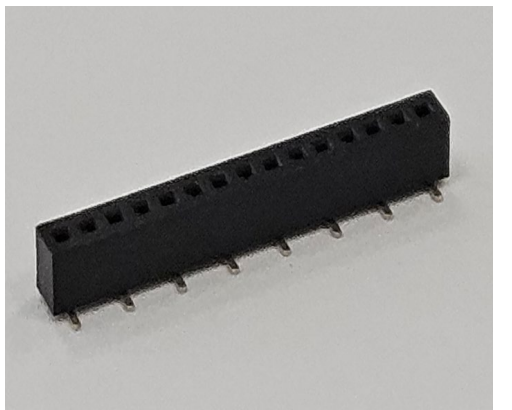
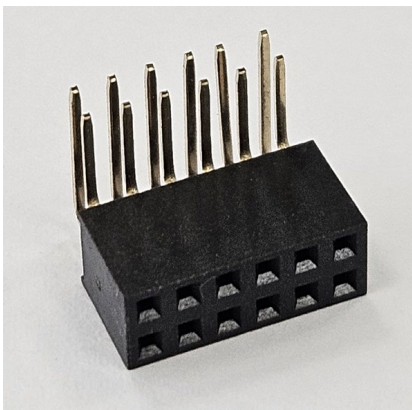
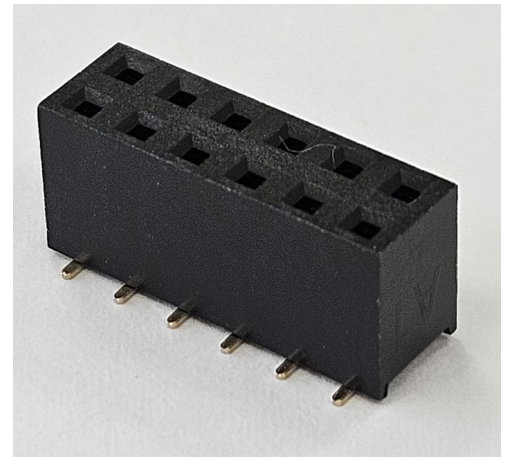
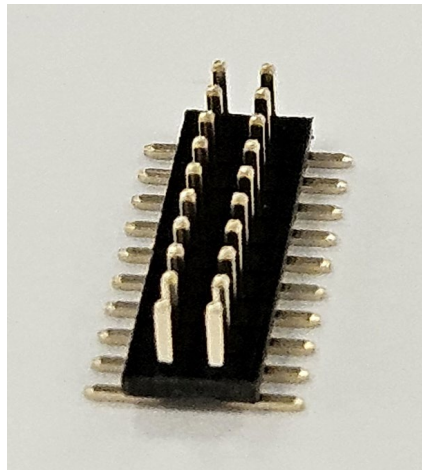
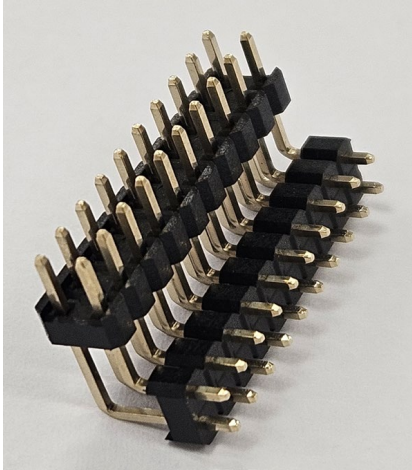


SD / MICRO SD SIM / MICRO SIM / NANO SIM



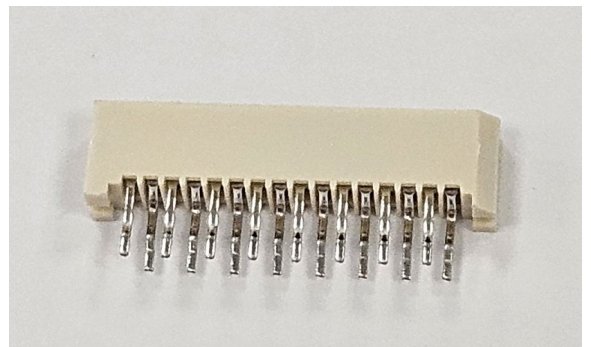
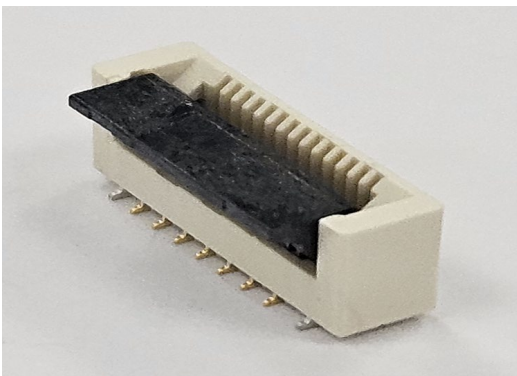
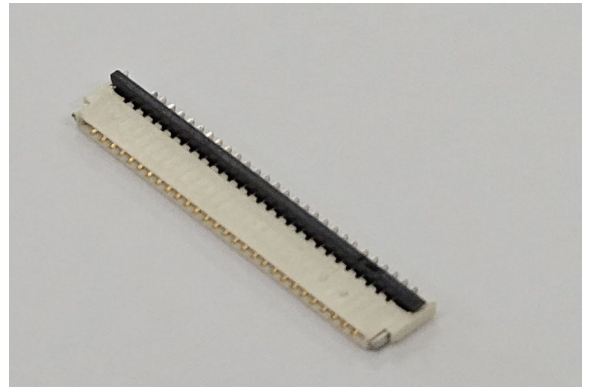
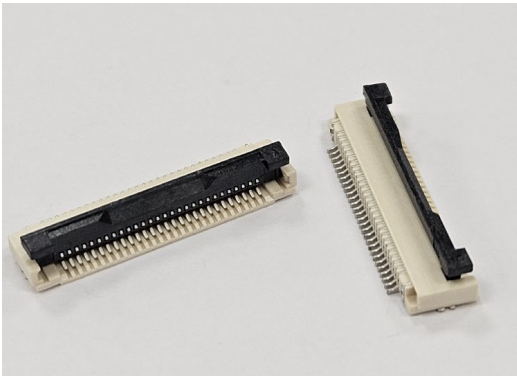
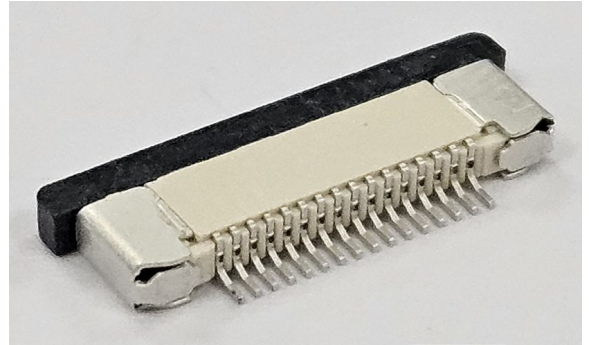
PIN HEADER /FEMALE HEADER

1.0MM/1.27MM/2.0MM/2.54MM PITCH



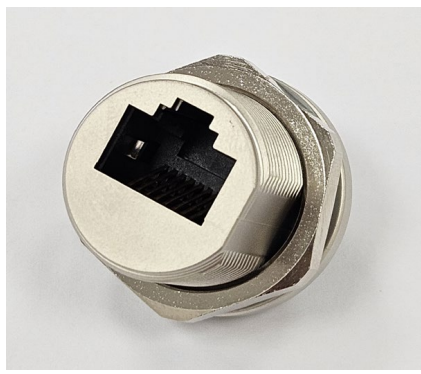
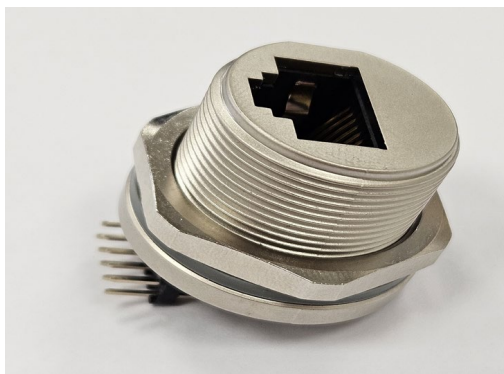
FPC CONNECTOR

0.3MM/0.5MM/1.0MM PITCH



M SERIES CONNECTOR

M5/M8/M12



Plastic Optical Fiber SOLUTIONS

ST Cable Assembly with 0.50 or 1 mm core POF Cable



ST Simplex Bulkhead Flanged



ST Simplex Bulkhead



MILITARY PRODUCTS



MIL-C-26482



MIL-DTL-38999



MIL-DTL-38999



MIL-DTL-38999



MIL-C-5015



MIL-C-5015

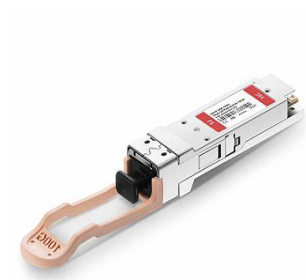
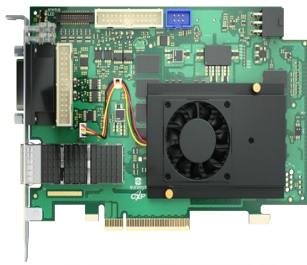


MIL-C-83513



MIL-C-83513

QSFP28, 100 G FOR VISION MARKET SOLUTIONS



100G CoaXPress-over-Fiber frame grabber

QSFP28 SR4

One QSFP28 port compliant with 100 Gbps optical modules
Four-connection 25 Gbps CoaXPress-over-Fiber
12,500 MB/s camera bandwidth
8 GB of on-board memory
PCIe 4.0 (Gen 4) x8 bus: 13,500 MB/s bus bandwidth
Feature-rich set of 20 digital I/O lines
Extensive camera control functions
Memento Event Logging Tool

NOTE:

1. Using an OM3 cable the max length could be 70 meters, for better stability 50 meters should be the max.
2. Using an OM4 cable the max length could be 100 meters, for better stability 80 meters should be the max.

Long Haul Cable Solution



Long haul cables connect two distant devices. To enable machine vision more widely adapted to the on-site conditions.

Long Haul Cables Apply Widely in Different Scenarios

- ▶ Machine vision detection equipment setting for automatic factory
- ▶ Centralized control room
- ▶ Big size monitor / parts inspection
- ▶ Hawk-eye in large sports field
- ▶ Handheld device for bug size parts inspection
- ▶ Large smart agricultural machinery
- ▶ Sites require customized long distance cable setting



YCE Provides a Complete Range of Long Haul Cables for Devices with Different Interfaces



1. GigE 、CoaXpress Cables

In general, high-quality GigE or CoaXpress cables can support long haul solutions. YCE GigE solution is up 80 meters, CXP-6 is up to 40 meters, and CXP-12 is up to 30 meters.

2. USB Active Cable: ACC, AOC

USB cables optimize the signal through repeater to extend the transmission distance. YCE USB ACC is up to 15 meters, USB AOC is up to 30 meters.

YCE not only delivers essential, customized products for your market — we are committed to developing and exploring new possibilities to bring innovative and exciting ideas to life.

For further support, please contact us anytime at sales@ycelect.com. Our team will respond promptly and ensure you receive the assistance you need.

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