








Waterproof I/O port

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| <p>Pogo Pin connector</p>  <p>303C-541219-25-05</p> | <p>Micro USB connector</p>  <p>Micro USB 2.0 Receptacle 207G-BD00,B Type</p> | <p>USB connector (Dust cover)</p>  <p>222A-01001 / 222A-00001</p> | <p>SIM card socket (Dust cover)</p>  <p>NANO SIM Type 222A-05004, Water Proof Socket Front Fastened</p> |
| <p>RJ45 connector</p>  <p>222A-0300</p> | <p>HDMI connector</p>  <p>222A-02001</p> | | |


Power charging cradle

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|---|---|--|---|
| <p>Powered USB 5V/12V/24V plug and socket</p>  <p>Powered USB Receptacle 218B-12G1</p> | <p>Powered USB Plug for Cable</p>  <p>218A-12D1</p> | <p>Pogo Pin connector</p>  <p>Multiple Pin 303B-411806-254-XXX, Right Angle, XX Pin 2.54P, 10u", 2.5H, DIP, Cap</p> | <p>Single Pin</p>  <p>303A-250918-002 T/L 3.4mm W/H 2.6mm</p> |
| <p>Power Connector</p>  <p>Battery Connector, Right Angle 304C-6525XX, Pitch 2.5, H=6.5, XX Pin, 5u"</p> | <p>Magnet Type</p>  <p>303C-321018-30-04, 4Pin H=4.6 Pitch 3.0, DIP, 5u"</p> | <p>Water proof Type</p>  <p>303C-541219-25-05 5Pin Pitch 2.5mm</p> | |

FPC connector

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| <p>Slide Type</p>  <p>FPC Connector Horizontal type 311B-XXUAA, Upper 311B-XXLAA, Lower PH 1.0mm, H=2.0mm</p> | <p>Flip-Lock Type</p>  <p>FPC, Vertical 312A-XXNAA-R 312A-XXBAA-R, Reverse PH 0.5mm, H=5.95mm</p> | <p>FPC, Flip-Lock Type</p>  <p>315A-XXBAA-R01, Horizontal PH 0.5mm, H=0.9mm</p> | <p>FPC, Flip-Lock Type</p>  <p>317B-XXBAA, Horizontal PH 0.3mm, H=1.0mm Front Flip</p> |
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Memory Card Socket

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| <p>SD card slot</p>  <p>SD Socket Push-Push Type 104H-TDA0-R01, w/Card Lock</p> | <p>micro SD card slot</p>  <p>Micro SD Socket Hinge Type 112C-TBAR-R02</p> | <p>Micro SD+SIM Socket</p>  <p>112C-TA00-R</p> | <p>UHS-II Micro SD 4.0 Socket</p>  <p>Push-Push Type 112L-TDA0</p> |
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USB Interface

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| <p>Type C</p>  <p>Waterproof IPX8, 16 Pin Single Row, w/ Oring, 3u" 217B-CA04</p> | <p>Waterproof IPX7, Mid-Mount Hybrid Receptacle, 217C-AE05</p>  <p>Waterproof IPX8, Mid-Mount 16 Pin Single Row, 217C-CB09</p> | <p>Middle Mount R/A Hybrid Type</p>  <p>217C-AA01</p> | <p>217B-BC02, R/A SMT Type</p>  <p>217E-BA01, Flank Receptacle</p> |
| <p>USB 3.0</p>  <p>USB 3.0, A Type Receptacle 209B-DA04, Flank, DIP</p> | <p>USB 2.0</p>  <p>USB 2.0, A Type Receptacle 205B-SANO-R, Top Mount, SMT 205B-DANO-R, Right Angle, DIP 205C-DANO-R02, Vertical, DIP 205F-DANO-R, Flank, DIP</p> | <p>Micro USB</p>  <p>Micro USB 2.0 Receptacle SMT Standard 207A-ABAO-R, AB Type 207A-BBAO-R, B Type 207A-BABO-01, B Type, DIP</p> | <p>Mini USB</p>  <p>Mini USB 2.0 B Type Receptacle 202A-FBNR-R03, SMT Standard 202D-FBNO-R, Vertical, DIP 202G-FDNO-R, Vertical, SMT</p> |

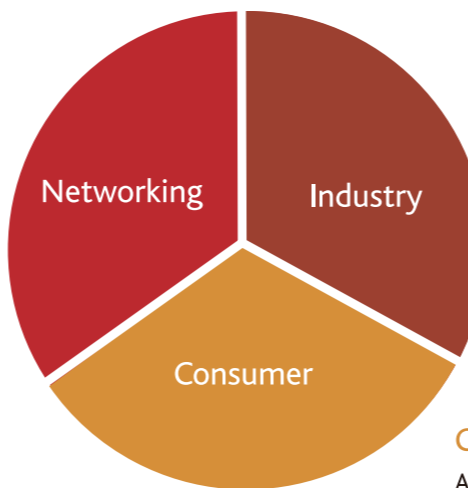
Global Service



Target Market

Networking System

Application: ADSL Modem/Router, IP Router, IP STB, LTE Router, WiFi Router, VOIP, 3G \ 4G Modem, GSM/GPRS Module, Server, Storage, IoT



Industry Application

Application: IPCAM Surveillance, Vehicle Tracking, Smart Meter, Medical application

Consumer Electronic Device

Application: Tablet PC, Internet Audio Equipment, Portable device, Navigation Device



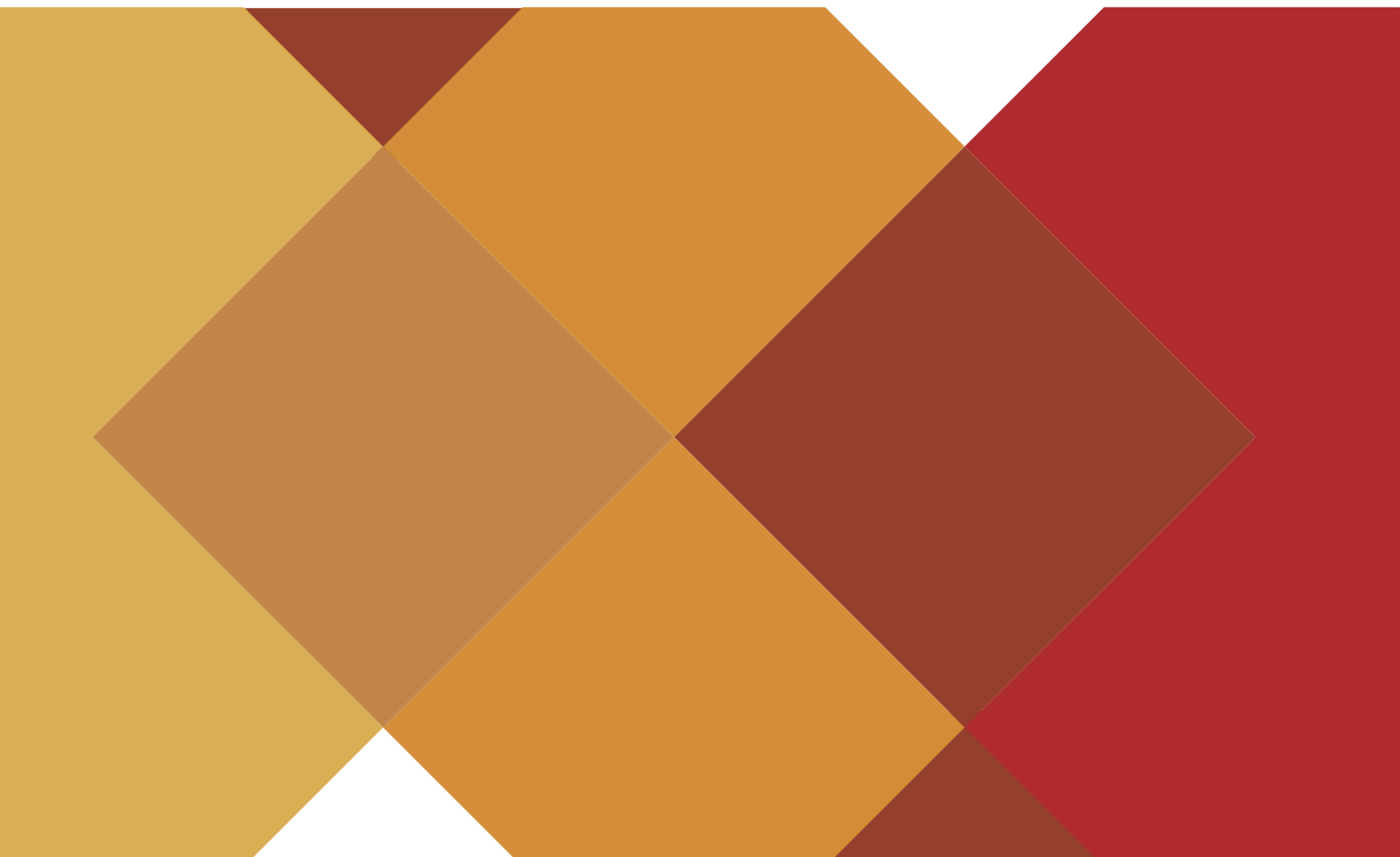
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Embedded System and Networking Solution



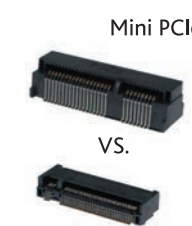




Connect to Your Success

ATTEND is your most trustworthy partner and your first choice for innovative connectivity solutions



MXM Edge Card Connector Small form factor computer on module socket




| | | |
|--|---|---|
|  | MXM3 314 pins carrier board connector 125B-78C00 | Feature <ul style="list-style-type: none"> ● Connector H=7.8mm ● Excellent signal integrity ● SMT Robust, vibration resistant connector ● Operating Temperature Range:-40 C~85 C ● Small form factor computer cost effective solution ● Compatible with variety of international standard module <ul style="list-style-type: none"> ■ SMARC module ■ Qseven module ■ EDM module ■ Apalis module |
|  | MXM2 230 pins carrier board connector 125A-78C00 | |

M.2 (NGFF) module socket- Miniature in size, Support Wireless and SSD M.2 module

| | | | | | |
|--|------------------|---|---|---|---|
|  | Type | A Key | B Key | E Key | M Key |
| | Product |  |  |  |  |
| | Height | 2.1/3.0/4.0/8.5mm | 2.1/3.0/4.0/5.8/8.5mm | 2.1/3.0/4.0/5.8/8.5mm | 2.1/3.0/4.0/5.8/8.5mm |
| | Module Card Type | 1630,2230,3030 | 3042,2230,2242, 2260,2280,22110 | 1630,2230,3030 | 2242,2260,2280, 22110 |
| | Applications | SSD(solid-state drive), Wi-Fi, Bluetooth, mobile network(5G/4g/3G/GSM) or other expansion modules | | | |

M12 circular sensor connector

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|  | Feature <ul style="list-style-type: none"> ● Waterproof Level Up to IP67 ● Operating temperature range: -40°C~+85°C ● Mating cycles: 500 cycles ● M12 X code supports 10Gbit High Speed/Frequency ● M12 Contact configuration: A/D/X code ● Support quick installation |
|  | |

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|--------------------------|---|---|---|
| Coding | A | D | X |
| Contact Configuration |  |  |  |
| Contact | 2~12 contacts | 4 contacts | 8 contacts |
| Rated Voltage (AC or DC) | 250V(2~4 contacts) 60V(5 contacts) 30V(6~12contacts) | 250V | 50V AC / 60V DC |
| Rated Current | 4A(2~5 contacts) 2A(6~8 contacts) 1.5A(9~12contacts) | 4A | 5A |
| Application | Connecting sensor, Actuators, Factory automation inEUR | Industrial Ethernet/ Replace RJ45 | High speed 10Gbit rugged industrial |

Circular connector cable assembly
M Series waterproof connectors are widely used for industrial automation, building automation and automated control systems. We are ready to provide customized cable solutions based on your request!






APPLICATION



Industry Networking & Communication Rugged Mobile Device



USB Type C connector

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|  |  |  |  |
| Waterproof IPX8, 16 Pin Single Row 217B-CA04 | USB Type C Middle Mount R/A Hybrid Type 217C-AA01 | USB Type C R/A SMT Type 217B-BC02 | USB Type C Flank Type 217E-BA01 |
| <ul style="list-style-type: none"> ● Support USB3.1 Type C ● Support plug and connector ● Support durability rating mating 10,000 cycles ● Support right angle type, middle mount type, SMT type, Flank type | | <ul style="list-style-type: none"> ● Operation Voltage: 20V ● Current rating: 5A Max. ● Support RoHS | |

Micro SIM card socket, Hinge type product advantage

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| <ul style="list-style-type: none"> ● Stronger mechanical design ● Inside-out hook ● Smooth hinging without angle declination limit ● Anti-loosen shaft not easy come off ● Wear-resistant metal shaft and bearing |  |
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Nano SIM is smaller and approximately 15% thinner than Micro SIM standard

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|  | Dual Nano SIM Socket, Tray-Push Type 115U-B100 |  | Nano SIM Card Socket, Hinge Type 115V-AD00 |
| <ul style="list-style-type: none"> ● Saving 50% space compared to conventional dual nano SIM socket. ● Card locks design ● Customization available for different tray sizes ● Patent Cert. No.: TWM625102, CN217036175U | | <ul style="list-style-type: none"> ● Featuring on high durability and industry-leading stable design, with a wide range operating temperature from -40°C to 105°C. ● Nano SIM card holder bump design. ● Wide-range operating temperature from -40°C to 105°C. ● Certified with EN/IEC 60721 vehicle environmental conditions | |

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| Your Device Features and Functions | What We Can Offer? | | | | |
| MXM Form Factor |  MXM3 Socket 125B-78C00, H=7.8mm, 314pins  MXM2 Socket 125A-78C00, H=7.8mm, 230pins | | | | |
| Mobile Network | SIM/ Micro SIM/ Nano SIM card socket  SIM Socket Hinge Type 115B-AAA0-R01, 6Pin 115B-BAA0-R01, 8Pin  Micro SIM Card Socket, Push-Push Type 115Q-BCA0  Nano SIM Card Socket, Hinge Type 115V-AD00  Dual Nano SIM Socket, Tray-Push Type 115U-B100 | | | | |
| Wireless Connectivity SSD Storage | M.2(NGFF)  A key 123A-21A00, H=2.1mm 123A-30A00, H=3.0mm 123A-40A00, H=4.0mm 123A-85BA0, H=8.5mm  B key 123A-21B00, H=2.1mm 123A-30B00, H=3.0mm 123A-40B00, H=4.0mm 123A-58B01, H=5.8mm 123A-85BA0, H=8.5mm  E key 123A-21E00, H=2.1mm 123A-30E00, H=3.0mm 123A-40E00, H=4.0mm 123A-58E01, H=5.8mm 123A-85EA0, H=8.5mm  M key 123A-21M00, H=2.1mm 123A-30M00, H=3.0mm 123A-40M00, H=4.0mm 123A-58M01, H=5.8mm 123A-85MA0, H=8.5mm  Accessory Single Latch for H=3.0, 4.0, 5.8mm | | | | |
| Mobile Network or WiFi module | mini PCI socket metal grounding socket mini-PCI express socket  Mini PCI Socket Metal Grounding Type 114B-92B00-R02, 9.2mm  Mini PCI Express Socket with Latch Standoff 4.0mm 119A-40A00-R02  Mini PCI Express Socket with Nuts / Latch Standoff 9.2mm 119A-92A00-R02 | | | | |
| Wi-Fi RF assembly | Micro Coaxial RF connector High Frequency RF cable assemblies Fakra Cable  321A-33125, H=1.25mm, 3Pad  321C-220601, H=0.6mm, 4Pad  | | | | |
| SO-DIMM DRAM module | DDR5 Socket DDR4 Socket  SO DIMM Socket Horizontal Type 126A-40A00, H=4.0mm 126A-52A00, H=5.2mm 126A-80A00, H=8.0mm 126A-92A00, H=9.2mm  SO DIMM Socket Vertical Type 126B-190A00, Standard 126B-190A10, Reverse  SO DIMM Socket Horizontal Type 124A-40A03, H=4.0mm 124A-52A03, H=5.2mm 124A-80A03, H=8.0mm 124A-92A03, H=9.2mm  SO DIMM Socket Vertical Type 124B-150A00, Standard 124B-150A10, Reverse | | | | |
| SFP/SFP+/QSFP | SFP module socket QSFP module socket  223A-1105, Cage  223A-00C0, Connector  223C-1207, Cage  223C-00E0, Connector | | | | |
| 10/100/1000 Base-TX Fast Ethernet port / PoE | RJ45 10/100/Gigabit Jack  Right Angle, Upper Latch, DIP, w/EMI / LED, 5u" 211A-1XCAA-R01  Vertical, DIP, w/o EMI, w/ LED, 5u" 213B-11CBA  Cat 6, 47.5" Entry, Upper Latch, DIP, w/o EMI / LED, 5u" 210D-11CB3 | | | | |
| M5/8/12/23 connector | Receptacle and Plug for Cable  M12 A Code, PCB through hole Type  M12 D Code, 4 Pin Female  M12 X Code, 8 Pin <table border="0"> <tr> <td> Male 4 Pin 216A-04MSF 5 Pin 216A-05MSF 8 Pin 216A-08MSF 12 Pin 216A-12MSF 8 Pin, Right Angle 216A-08MRF </td> <td> Female 5 Pin 216A-05FSF 8 Pin 216A-08FSF 12 Pin 216A-12FSF 8 Pin, Right Angle 216A-08FRF </td> <td> Solder Type, Front Fastened 216D-04FAF DIP Type, Front Fastened 216D-04FSF Plug, Overmold with cable 216D-04FO0 </td> <td> Male, Plug, For Overmold with Cable 216X-08MO0 Female, Solder Type, Front Fastened 216X-08FAF Female, Straight, Front Fastened 216X-08FSF Female, Straight, Rear Fastened 216X-08FSR </td> </tr> </table> <p>M12 Contact Configuration Code: A/D/X code</p>  A code  D code  X code | Male 4 Pin 216A-04MSF 5 Pin 216A-05MSF 8 Pin 216A-08MSF 12 Pin 216A-12MSF 8 Pin, Right Angle 216A-08MRF | Female 5 Pin 216A-05FSF 8 Pin 216A-08FSF 12 Pin 216A-12FSF 8 Pin, Right Angle 216A-08FRF | Solder Type, Front Fastened 216D-04FAF DIP Type, Front Fastened 216D-04FSF Plug, Overmold with cable 216D-04FO0 | Male, Plug, For Overmold with Cable 216X-08MO0 Female, Solder Type, Front Fastened 216X-08FAF Female, Straight, Front Fastened 216X-08FSF Female, Straight, Rear Fastened 216X-08FSR |
| Male 4 Pin 216A-04MSF 5 Pin 216A-05MSF 8 Pin 216A-08MSF 12 Pin 216A-12MSF 8 Pin, Right Angle 216A-08MRF | Female 5 Pin 216A-05FSF 8 Pin 216A-08FSF 12 Pin 216A-12FSF 8 Pin, Right Angle 216A-08FRF | Solder Type, Front Fastened 216D-04FAF DIP Type, Front Fastened 216D-04FSF Plug, Overmold with cable 216D-04FO0 | Male, Plug, For Overmold with Cable 216X-08MO0 Female, Solder Type, Front Fastened 216X-08FAF Female, Straight, Front Fastened 216X-08FSF Female, Straight, Rear Fastened 216X-08FSR | | |