SRS (MX36 / MX37 / MX57)

Sensor System (MX19 / MX44)

Low Profile Sealed Connector

Engine System (MX23A / MX47)

High Density Sealed Connector

Meter (MX34 / MX34R)

Compact SMT type Board-to-Cable

LED Headlight (MX34 / MX34R / MX44)
### General Specifications

<table>
<thead>
<tr>
<th>MX19</th>
<th>MX23A</th>
<th>MX34</th>
<th>MX34R</th>
<th>MX36</th>
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<tbody>
<tr>
<td><strong>Application(s)</strong></td>
<td>Engine ECU for motorcycle and ATV.</td>
<td>HVAC, Meter Cluster, Heater Control, Audio/Navigation, Power Window, EPS, CAN BUS, TCU, TPMS</td>
<td>Meter cluster, Heater Control</td>
<td>Inline for SRS</td>
</tr>
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### Specifics

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<td><strong>Application(s)</strong></td>
<td>Switch harness for motorcycle, door mirror harness.</td>
<td>Engine ECU for motorcycle and ATV.</td>
<td>HVAC, Meter Cluster, Heater Control, Audio/Navigation, Power Window, EPS, CAN BUS, TCU, TPMS</td>
<td>Meter cluster, Heater Control</td>
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<td><strong>Features</strong></td>
<td>Waterproof. Mechanical lock system. Grommet seal. Terminals have low insertion force and stress dispersion. Rear cover protects the grommet from damage.</td>
<td>Waterproof, Low profile. Available in reverse mount type. Retainer detects incomplete insertion of socket contact.</td>
<td>Mechanical Lock system enabling complete mating. Secondary lock mechanism to ensure correct terminal retention.</td>
<td>Horizontal mount SMT header. Same features as standard MX34</td>
</tr>
</tbody>
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### MX39
- **Applications Include:**
  - Automotive USB 2.0
- **Features:**
  - USB 2.0 compatible. Sold as a complete harness with USB standard receptacle.
  - Excellent in transmission of high speed signals such as LVDS and GVIF. Different key options available.
- **General Specs:**
  - Pitch: 2.2mm
  - Wire Size: AWG #28 Twin Ax
  - Pin Count: 4
  - Current Rating: 500mA
  - Operating Temp: -40 ~ +85°C

### MX39H
- **Applications Include:**
  - Automotive USB 2.0
- **Features:**
  - USB 2.0 compatible. Sold as a complete harness with USB standard receptacle.
  - Excellent in transmission of high speed signals such as LVDS and GVIF. Different key options available.
- **General Specs:**
  - Pitch: 2.2mm
  - Wire Size: AWG #28 Twin Ax
  - Pin Count: 4
  - Current Rating: 500mA
  - Operating Temp: -40 ~ +85°C

### MX45
- **Applications Include:**
  - USB 2.0 (Receptacle), Audio
- **Features:**
  - USB 2.0 compatible. Sold as a complete harness with USB standard receptacle.
- **General Specs:**
  - Pitch: 2.2mm
  - Wire Size: AWG #28 Twin Ax
  - Pin Count: 4
  - Current Rating: 500mA
  - Operating Temp: -40 ~ +85°C

### MX48
- **Applications Include:**
  - LVDS/GVIF, Navigation System, Video Display
- **Features:**
  - USB 2.0 compatible. Sold as a complete harness with USB standard receptacle.
- **General Specs:**
  - Pitch: 2.0mm
  - Wire Size: AWG #28 (Twin Ax)
  - Pin Count: 2
  - Current Rating: 500mA
  - Operating Temp: -40 ~ +85°C

### MX49
- **Applications Include:**
  - LVDS, Navigation System, Camera, Audio, TCU
- **Features:**
  - HDMI Type E compatible connector and harnesses. Cable mounted receptacle for mating with consumer HDMI cables is available.
- **General Specs:**
  - Pitch: 2.0mm
  - Wire Size: Signal: AWG #26 (Twin Ax) Power: AWG #20
  - Pin Count: 4
  - Current Rating: 0.5A
  - Operating Temp: -40 ~ +85°C

### MX50/53
- **Applications Include:**
  - Automotive HDMI, Video Display/ Type A
- **Features:**
  - HDMI Type E compatible connector and harnesses. Cable mounted receptacle for mating with consumer HDMI cables is available.
- **General Specs:**
  - Pitch: 1.5mm
  - Wire Size: AWG #28 (Twin Ax)
  - Pin Count: 19
  - Current Rating: 0.5A
  - Operating Temp: -40 ~ +85°C

### MX55
- **Applications Include:**
  - Digital Camera
- **Features:**
  - LVDS connector for automotive digital camera. Total transmission characteristics guarantee a performance of connector and harness.
- **General Specs:**
  - Pitch: 2.2mm
  - Wire Size: AWG #26
  - Pin Count: 4
  - Current Rating: 500mA
  - Operating Temp: -40 ~ +85°C

### MX62
- **Applications Include:**
  - Automotive USB 3.0
- **Features:**
  - Supporting USB 3.0 (5Gbps) high signal speeds. Robust system to meet automotive requirement USCAR2.