








Shortcut by Product Series



## CATALOGUE

# Shortcut by Product Series

Circular Connector	Power Connector	M Series Sensor Connector	USB Connector
			
<ul style="list-style-type: none"> <li>• Screw Threaded Type, Lock Bayonet Type or Push Lock Type</li> <li>• Receptacle, Receptacle with cable, Overmolded With Cable &amp; Field Installable available</li> <li>• Options from 2 to 31 contacts, 2A to 20A</li> <li>• Various sizes, over 1000 items, plastic and metal</li> <li>• UV Resistant</li> <li>• IP65/66/67/68 waterproof mated or unmated</li> <li>• Operating temperature                             <ul style="list-style-type: none"> <li>◦ Field installable: -20°C ~ 105°C</li> <li>◦ Receptacle: -40°C ~ 105°C</li> <li>◦ Receptacle with cable: -20°C ~ 80°C</li> <li>◦ Overmolded with Cable: -20°C ~ 80°C</li> </ul> </li> <li>• Customizations are possible</li> <li>• Hybrid available</li> </ul> <div style="text-align: right;">  <p>P 1-1</p> </div>	<ul style="list-style-type: none"> <li>• Screw Threaded or Lock Bayonet Type (2 points &amp; 3 points)</li> <li>• Receptacle, Overmolded With Cable &amp; Field Installable available</li> <li>• Options from 2 to 7 contacts, 8A to 30A</li> <li>• Over 110 plastic items</li> <li>• UV Resistant</li> <li>• Operating temperature                             <ul style="list-style-type: none"> <li>◦ Overmolded with Cable: -20°C ~ 80°C</li> <li>◦ Receptacle: -40°C ~ 105°C</li> <li>◦ Field installable: -40°C ~ 105°C</li> </ul> </li> <li>• IP67/68 waterproof mated or unmated</li> <li>• Customizations are possible</li> <li>• Hybrid available</li> <li>• Safety locking available (25A &amp; 30A)</li> <li>• Touch Safe (IP2X) available (25A &amp; 30A)</li> </ul> <div style="text-align: right;">  <p>P 2-1</p> </div>	<ul style="list-style-type: none"> <li>• Available in M8 (3P~5P &amp; 8P); M12 (3P ~ 12 in A, B, D &amp; X Codes); Mini 7/8" 5P</li> <li>• Compact and rugged design available in IP67/IP68 waterproof</li> <li>• Available in Stamped, Screw-In, PCB and Solder Contacts</li> <li>• Receptacle (M12 90° PCB), Field Installables &amp; Molded With Cable available</li> <li>• Meets industry standards (IEC, NMEA2000, DeviceNet, EtherNet I/P, Profibus &amp; ProfiNet)</li> <li>• Operating temperature                             <ul style="list-style-type: none"> <li>◦ Field installable: -40°C ~ 105°C</li> <li>◦ Receptacle: -40°C ~ 105°C</li> <li>◦ Overmolded with Cable                                     <ul style="list-style-type: none"> <li>PVC Cable: -20°C~80°C</li> <li>PU Cable: -20°C~85°C</li> </ul> </li> </ul> </li> <li>• Hexagonal-Shaped Diecasted Screw Nuts for Cable Assy for easier Tool access</li> <li>• PVC, PUR Jackets available for cables (Sun, Oil Resistant &amp; Flame rated)</li> <li>• UL/CSA Approval</li> <li>• Hybrid Available Upon Request</li> </ul> <div style="text-align: right;">  <p>P 3-1</p> </div>	<ul style="list-style-type: none"> <li>• Screw Threaded or Lock Bayonet Type</li> <li>• USB A, USB B and Mini USB</li> <li>• IP67/IP68 mated and unmated waterproof</li> <li>• Receptacle, Overmolded With Cable available</li> <li>• UV Resistant</li> <li>• Operating temperature                             <ul style="list-style-type: none"> <li>◦ Field installable: -20°C ~ 80°C</li> <li>◦ Overmolded with Cable: -20°C ~ 80°C</li> <li>◦ Receptacle                                     <ul style="list-style-type: none"> <li>Nylon+GF: -40°C ~ 105°C</li> <li>M-PPE: -40°C ~ 105°C</li> <li>ABS: -20°C ~ 80°C</li> </ul> </li> <li>◦ Receptacle with cable                                     <ul style="list-style-type: none"> <li>Nylon+GF: -20°C ~ 105°C</li> <li>ABS: -20°C ~ 80°C</li> </ul> </li> </ul> </li> <li>• Easy &amp; simple connection structure</li> <li>• PnP – plug and play</li> <li>• Master/Slave framework</li> </ul> <div style="text-align: right;">  <p>P 4-1</p> </div>
<ul style="list-style-type: none"> <li>* Mini (A) - Size</li> <li>* Standard (B) - Size</li> <li>* Middle (C) - Size</li> <li>* Large (D) - Size</li> <li>* Macro (E) - Size</li> <li>* Others - Size</li> </ul>	<ul style="list-style-type: none"> <li>* 8A</li> <li>* 12A</li> <li>* 16A</li> <li>* 20A</li> <li>* 25A</li> <li>* 30A</li> <li>* 20A+2A</li> </ul>	<ul style="list-style-type: none"> <li>* M8</li> <li>* M10.5</li> <li>* M12</li> <li>* M20</li> <li>* M23</li> </ul>	<ul style="list-style-type: none"> <li>* USB 3.0 A Type</li> <li>* USB 2.0 A Type</li> <li>* USB 2.0 B Type</li> <li>* Mini USB 2.0 B Type</li> </ul>

IEEE 1394 Connector	D-SUB Connector	DVI Connector	RJ Connector
			
<ul style="list-style-type: none"> <li>• Receptacle, Overmolded With Cable &amp; Field Installable available</li> <li>• Screw Threaded Type</li> <li>• 0.5A</li> <li>• UV Resistant</li> <li>• Operating temperature                             <ul style="list-style-type: none"> <li>◉ Field installable: -20°C ~ 80°C</li> <li>◉ Receptacle: -20°C ~ 80°C</li> <li>◉ Overmolded with Cable: -20°C~80°C</li> </ul> </li> <li>• IP67/68 Unmated</li> </ul> <div style="text-align: right;">  <p>P 5-1</p> </div>	<ul style="list-style-type: none"> <li>• Standard D-Sub (9/15/25/37 /50 contacts), High Density D-Sub (15/26/44/62/78 contacts) and Mixed Options Available</li> <li>• Receptacle, Overmolded With Cable &amp; Field Installable available</li> <li>• Various Connection types, such as hand solder, wire wrap, straight and angled PCB, with and without boardlock, and flat cables</li> <li>• High Reliability for Harsh Environment</li> <li>• IP67/IP68 waterproof</li> <li>• Special Latches instead of thumb screws available</li> <li>• Operating temperature                             <ul style="list-style-type: none"> <li>◉ Field installable: -20°C ~ 105°C</li> <li>◉ Overmolded with Cable: -20°C ~ 80°C</li> <li>◉ Receptacle: -20°C~105°C</li> </ul> </li> </ul> <div style="text-align: right;">  <p>P 6-1</p> </div>	<ul style="list-style-type: none"> <li>• DVI-D Single Link (DDS), DVI-I Single Link (DIS), DVI-D Dual Link (DDD) and DVI-I Dual Link (DID) available</li> <li>• Receptacle and Overmolded With Cable available</li> <li>• Screw Threaded Type</li> <li>• 0.5A</li> <li>• 19/23/25/29 contacts available</li> <li>• UV Resistant</li> <li>• Operating temperature                             <ul style="list-style-type: none"> <li>◉ Overmolded with Cable: -20°C ~ 80°C</li> <li>◉ Receptacle: -20°C~105°C</li> </ul> </li> <li>• IP67/68 waterproof</li> </ul> <div style="text-align: right;">  <p>P 7-1</p> </div>	<ul style="list-style-type: none"> <li>• Screw Threaded or lock Bayonet Type</li> <li>• Receptacle, Overmolded With Cable &amp; Field Installable available</li> <li>• Shielded &amp; Unshielded versions</li> <li>• Fast connectivity Networking in Harsh environments</li> <li>• IDC, RJ Jack in 180 &amp; 90 deg., Terminal Block and Cable terminated</li> <li>• Meets industry standards (ODVA, ProfiNet)</li> <li>• UV Resistant</li> <li>• Operating temperature                             <ul style="list-style-type: none"> <li>◉ Overmolded with Cable: -20°C ~ 80°C</li> <li>◉ Receptacle: -40°C~105°C</li> </ul> </li> <li>• IP67/IP68 mated and unmated</li> </ul> <div style="text-align: right;">  <p>P 8-1</p> </div>









\* IEEE 1394B

\* Standard  
\* High Density

\* DVI-Single Link  
\* DVI-Dual Link  
\* DVI-D Single Link  
\* DVI-D Dual Link

\* Cat. 5e

SSL Solution Connector	LED Indicator	HDMI Connector	Sata Connector
			
<ul style="list-style-type: none"> <li>• For B-to-B, W-to-B, W-to-W</li> <li>• Available in 1P, 2P, 4P and 6P</li> <li>• Standard or IP67</li> <li>• SMT Board Connector for PCB: FR4, MC, or Ceramic</li> <li>• With and without Mounting boardlock</li> <li>• With or Without Lock or Latch</li> <li>• Board Connectors in Right Angle, Straight, or Inverted</li> <li>• Horizontal or Vertical Connection or Disconnection</li> <li>• Overmolded Cable Straight or Right Angle</li> <li>• Operating temperature                             <ul style="list-style-type: none"> <li>⊙ Receptacle: -40°C ~ 100°C</li> </ul> </li> <li>• Natural white color for all connector housings and over-molding</li> <li>• UL recognized (UL approved upon request)</li> <li>• Lead Free and RoHS Compliant</li> </ul> <div style="text-align: right;">  <p>P 9-1</p> </div>	<ul style="list-style-type: none"> <li>• LED lights for your device (Receptacle only)</li> <li>• Light color: red, blue, green, white, yellow and red/green</li> <li>• Plastic LED (Ø3mm) or metal LED (Ø3mm and Ø5mm)</li> <li>• Operating temperature                             <ul style="list-style-type: none"> <li>⊙ Metal: -20°C ~ 105°C</li> <li>⊙ Plastic: -20°C ~ 85°C</li> </ul> </li> <li>• IP67 Unmated</li> </ul> <div style="text-align: right;">  <p>P 10-1</p> </div>	<ul style="list-style-type: none"> <li>• Receptacle (Jack) and Overmolded With Cable (Plug) available</li> <li>• Latch type for 90° PCB</li> <li>• 0.2A</li> <li>• Maximum cable length 5M</li> <li>• UV Resistant</li> <li>• Operating temperature                             <ul style="list-style-type: none"> <li>⊙ Receptacle: -20°C ~ 80°C</li> <li>⊙ Overmolded with Cable: -20°C ~ 80°C</li> </ul> </li> <li>• IP67 Unmated</li> </ul> <div style="text-align: right;">  <p>P 11-1</p> </div>	<ul style="list-style-type: none"> <li>• Snap in with latch: insertion and extraction are easy and quick</li> <li>• Overmolded With Cable and PCB type (Socket) for SMD or DIP</li> <li>• Harpoon board lock or flat board lock</li> <li>• 1.6, 2.6, 3.2mm mounting board-lock available</li> <li>• SATA 2.6</li> <li>• Available contacts : 7P</li> <li>• Current Capacity : 1.5A</li> <li>• Over-molded Wires Size : #26</li> <li>• 15V DC</li> <li>• Black color for all connector housings and over-molding</li> <li>• UL recognized materials</li> <li>• Lead Free and RoHS Compliant</li> <li>• PCB thickness 1.6 mm</li> <li>• IEC 60529 / IP67 mated</li> <li>• Sata III available (upon request)</li> <li>• Operating temperature                             <ul style="list-style-type: none"> <li>⊙ Receptacle: -20°C ~ 80°C</li> <li>⊙ Overmolded with Cable: -20°C ~ 80°C</li> </ul> </li> </ul> <div style="text-align: right;">  <p>P 12-1</p> </div>
<p>* SSL-1</p>	<p>* M8</p>	<p>* Plug * Jack</p>	<p>* PCB Type * Overmolded Plug</p>

Fiber Optic Connector	NMEA 2000 Connector	PV AC Connectors / T-Junction	
		<p>VTC</p> 	<p>SMC</p>  <hr/> <p>BMC</p> 
<ul style="list-style-type: none"> <li>• Receptacle (Jack) &amp; Field Installable (Plug) available</li> <li>• For SC &amp; LC types</li> <li>• Lock Bayonet Type (2 points &amp; 3 points)</li> <li>• UV Resistant</li> <li>• Operating temperature                             <ul style="list-style-type: none"> <li>◦ Field installable: -40°C ~ 105°C</li> <li>◦ Receptacle: -40°C ~ 105°C</li> </ul> </li> <li>• IP67 mated</li> </ul> <div style="text-align: right;">  <p>P 13-1</p> </div>	<ul style="list-style-type: none"> <li>• Available in Micro Style "M12" 5P Conn &amp; Mini Style " 7/8" 5P Conn for drop and trunk lines respectively</li> <li>• Compatible with Industrial Bus Systems (Devicenet &amp; Profibus)</li> <li>• Compact and rugged design available in IP67/IP68 unmated waterproof to withstand harsh marine environments</li> <li>• Available in Stamped, screw-in, PCB and solder contacts</li> <li>• Panel mounts ( M12 90° PCB), Field Installable, Tee Adapters, Molded With Cable &amp; Junction Boxes available</li> <li>• Operating temperature                             <ul style="list-style-type: none"> <li>◦ Receptacle: -40°C ~ 85°C</li> <li>◦ Overmolded with Cable: -20°C ~ 80°C</li> <li>◦ Field installable                                     <ul style="list-style-type: none"> <li>Nylon+GF: -40°C~105°C</li> <li>PU: -20°C~85°C</li> </ul> </li> </ul> </li> <li>• Corrosion &amp; Vibration Resistant</li> <li>• Thin &amp; Thick PVC Cables available (Sun, Oil Resistant &amp; Flame rated)</li> <li>• Various cable lengths to match installation requirements</li> <li>• NMEA 2000® approved</li> </ul> <div style="text-align: right;">  <p>P 14-1</p> </div>	<p>VTC (T-Junction / SMC)</p> <ul style="list-style-type: none"> <li>• 3 or 4 Contacts</li> <li>• 300 V/AC, 5A Drop, 30A Trunk</li> <li>• IP 67 waterproof</li> <li>• UV Resistant</li> <li>• Operating temperature :                             <ul style="list-style-type: none"> <li>Ambient: -40°C ~ +85°C</li> <li>Upon Limited Temperature:+105°C</li> </ul> </li> <li>• Intertek approved to UL6703A &amp; UL9703</li> <li>• Uninterrupted cable - Lower power drop then conventional cabling systems</li> <li>• Various configurations of pitch and T Connector Quantity</li> <li>• Cable End-Cap and Cable Joiner available</li> <li>• Ease of installation and service</li> </ul> <div style="text-align: right;">  <p>P 15-1</p> </div>	<p>BMC</p> <ul style="list-style-type: none"> <li>• 3 &amp; 4 Contacts</li> <li>• 300V AC, 17A</li> <li>• Cable TC-ER, UV resistant</li> <li>• Operating temperature :                             <ul style="list-style-type: none"> <li>-40°C ~ 105°C</li> </ul> </li> <li>• Safety Locking</li> <li>• ETL approved according to UL 6703A</li> <li>• Overmolded with cable, plug-nplay</li> <li>• IP 67 waterproof</li> <li>• Touch Safe (IP2X)</li> </ul>
<p>* LC Type * SC Type</p>	<p>* Mini * Micro</p>	<p>* T-Junction (VTC) * SMC * BMC</p>	<p>* T-Junction (VTC) * SMC * BMC</p>

\* Design and specification are subject to change without notice.

**X-Lok Connector**

- Push Lock Type
- Receptacle, Overmolded With Cable & Field Installable available
- 3 contacts
- 20A
- UV Resistant
- IP67 waterproof mated or unmated
- Operating temperature
  - ◉ Overmolded with Cable: -20°C~80°C
  - ◉ Field installable: -40°C~105°C
  - ◉ Receptacle: -40°C~105°C
- Customizations are possible



P 20-1

\* Middle Size



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