



CONNECTOR SELECTION GUIDE

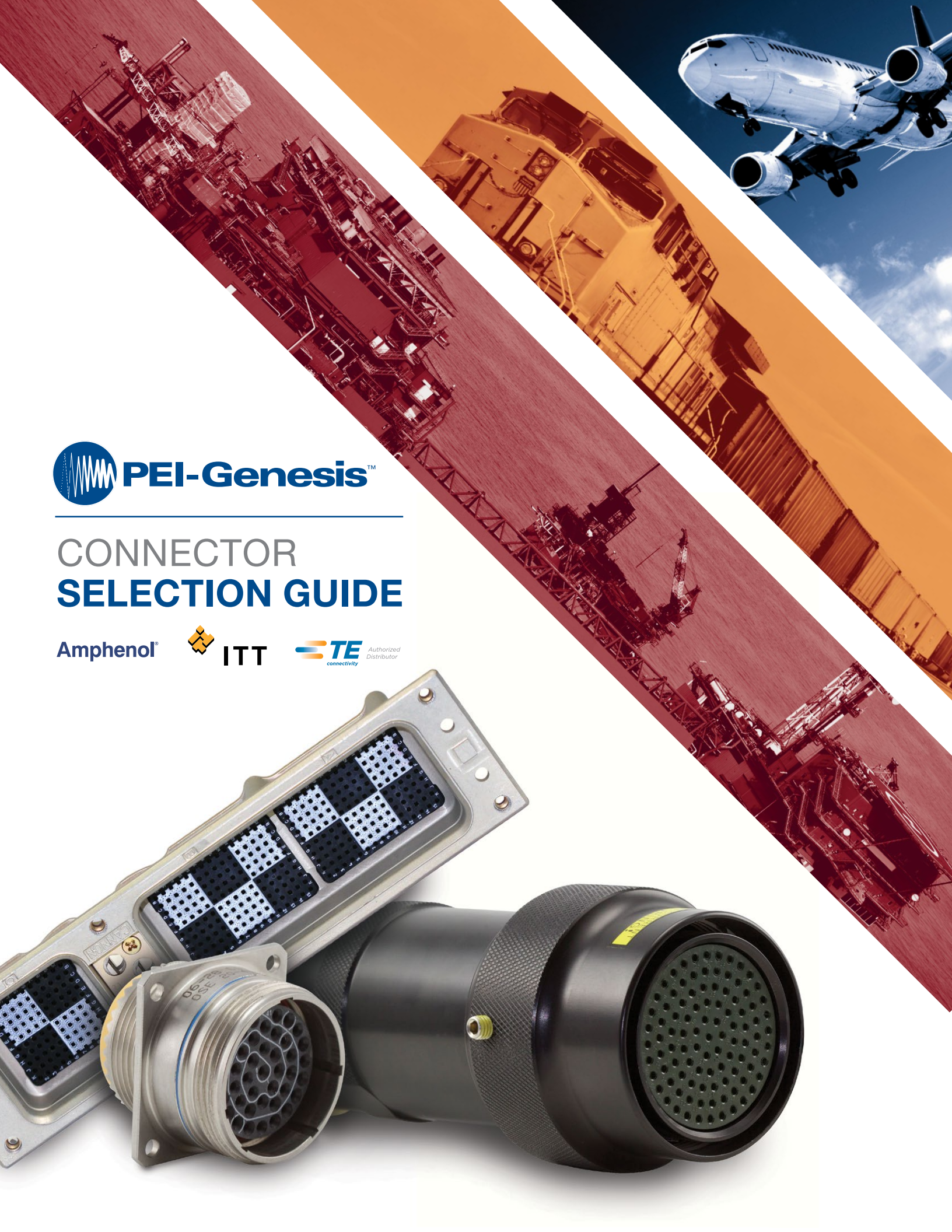
Amphenol®

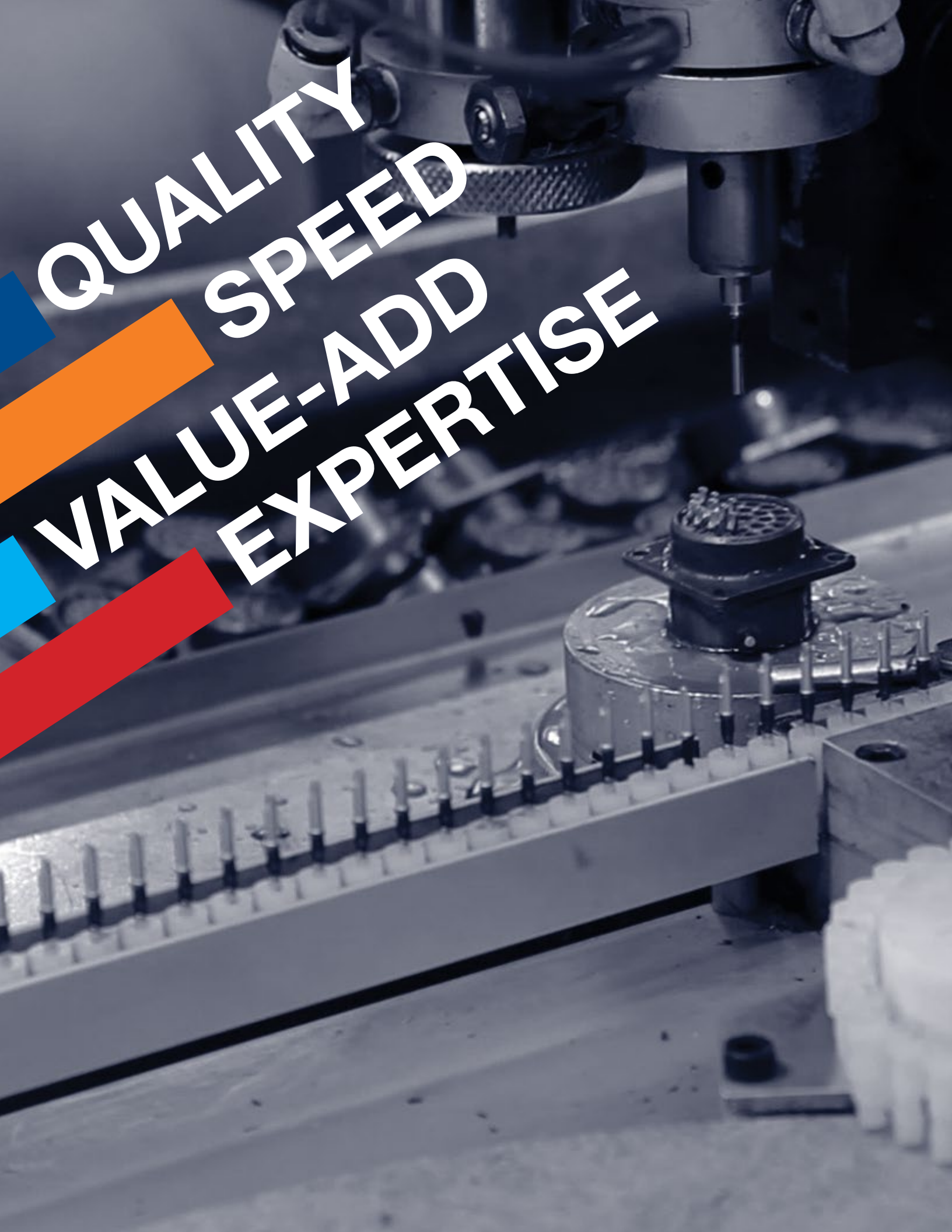


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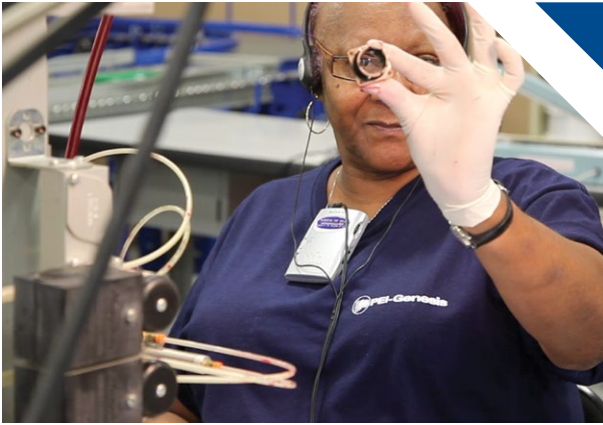


Authorized
Distributor





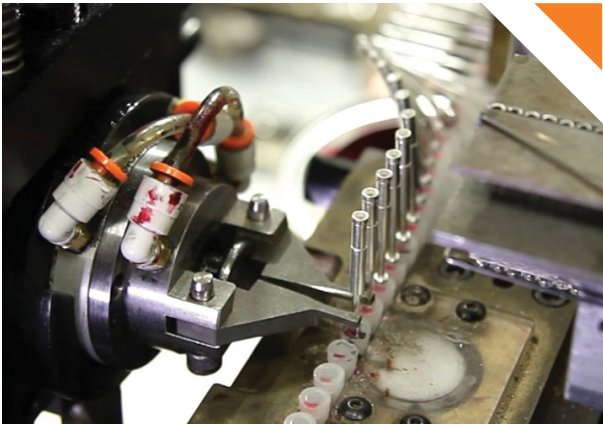
QUALITY
SPEED
VALUE-ADD
EXPERTISE



QUALITY : You need to protect your customers and your brand's reputation by using the highest quality products.

PEI-Genesis is one of the world's fastest assemblers of precision connectors. As one of the largest electronic component distributors, we deliver on time and to your requirements. Our global technical support staff is available to help solve your design challenges. PEI-Genesis can build over twelve million unique connectors from stock at a rate of more than 5,000 per hour. Using proprietary automation for speed, consistency, and quality, we can build just one piece or 10,000 pieces with equal ease; built to any standard or customized specification. PEI-Genesis is the only partner that offers assembly and shipment of custom connectors in 48 hours.

Headquartered in Philadelphia, PA, we have production facilities in South Bend, IN, Southampton, UK and Zhuhai, China. PEI-Genesis has sales offices throughout the Americas, Europe and Asia.



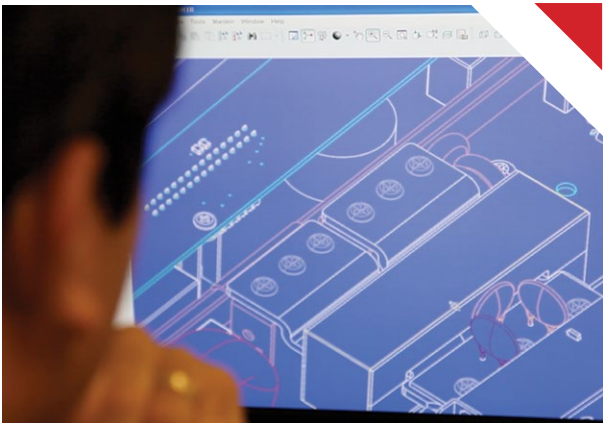
SPEED : In your world, you need products quickly without any lost production time.

What really sets PEI apart from other distributors and suppliers? The short answer is that we provide customized solutions at unparalleled speed. The long answer is that when it comes to the world of connectors, there is a vast array of manufacturing options. Because these products are not the primary driver in a design, they are typically considered late in the design cycle. That tendency, when coupled with long lead times, can cause a disproportionate share of delays and aggravation. PEI-Genesis will solve your design challenges. Our reputation ensures that you will get what you need, when you need it, with unrivaled quality.



VALUE-ADD : Enjoy better access to the brands you trust. We provide manufacturing capabilities with distribution flexibility.

In today's world, where inventory is a bad word, we embrace the opportunity to support the ramp-up and success of your products. We provide manufacturing capabilities with distribution flexibility, which means we hold the inventory so you don't have to. Over 86% of the products we ship are assembled to order. We stock our products in their component parts, not pre-built, which allows us to assemble them to meet your specific order. We custom build and provide highly tailored solutions, with no minimum order quantity. By building over 36,000 high reliability connectors every day with an average build time of 1.3 working days, PEI has the fastest assembly cycle time in the world for connectors and shipment within 48 hours.



EXPERTISE : You're the expert in your products; let us be the expert in your interconnect.









PEI – Perform, Evaluate, Improve. Our production capabilities meet the highest military and industrial standards for consistent quality, inspection, marking and packaging. Along with our application engineers, design engineers, manufacturing engineers, product specialists and sales professionals, PEI will help you solve your toughest interconnect problems. We can reveal design and assembly methods that minimize labor and tooling, all without compromising performance. As a family owned company founded in 1946, family spirit permeates our culture. At PEI we make decisions quickly and we invest for the long term. Join our extended family and experience real partnership.

All factories are DoD, QPL and ISO 9001-2008 approved. Our US operations are ITAR-registered with the US State Department. Our UK facility is registered with the BIS. PEI headquarters and the South Bend, IN facility are AS9100C certified.







CONNECTOR SELECTOR



| 5015 SERIES | | | | | | |
|----------------------------------|---|--|--|--|----------------------------------|---|
| | 97 | AIT/MS | MS3450 | AIB/GT | BACC 5015 | CT/MS E/F/R |
| | | | | | | |
| | AMPHENOL | AMPHENOL | AMPHENOL | AMPHENOL | AMPHENOL | ITT CANNON |
| Industrial/Commercial | ■ | ■ | ■ | ■ | ■ | ■ |
| Harsh Environment | | ■ | ■ | ■ | ■ | ■ |
| Military | | ■ | ■ | | | ■ |
| Wire Gauge Range (AWG) | 26 to 0 | 26 to 0 | 20 to 0 | 26 to 0 | 20 to 4 | 26 to 0 |
| Number of Circuits | 1 to 52 | 1 to 85 | 1 to 85 | 1 to 85 | 2 to 9 | 1 to 65 |
| Sealed Against Water Jets | No | Yes | Yes | Yes | Yes | Yes |
| EMI/RFI-Shielding | Yes | Yes | Yes | Yes | Yes | Yes |
| Style | Circular | Circular | Circular | Circular | Circular | Circular |
| Operating Voltage / DWV | 1,750 VAC | 3,000 VAC | 3,000 VAC | 3,000 VAC | 1250 VAC | 1750 VAC |
| Current Rating (Amps) | 150 | 150/245 | 150/245 | 150/245 | 80 | 150 |
| Power & Signal on Same Layout | Yes | Yes | Yes | Yes | Yes | Yes |
| Operating Temperature | -67°F to 257°F -55°C to 125°C | -67°F to 257°F -55°C to 125°C | -75°F to 392°F -55°C to 200°C | -67°F to 257°F -55°C to 125°C | -67°F to 257°F -55°C to 125°C | -67°F to 257°F -55°C to 125°C |
| Submersible | No | Yes | Yes | Yes | Yes | Yes |
| Individual Wire Sealing | No | Yes | Yes | Yes | Yes | Yes |
| Cable Jacket Sealing | Yes | Yes | No | Yes | No | Yes |
| Type of Coupling | Threaded | Threaded | Threaded | Reverse Bayonet | Threaded | Threaded |
| Life in Mating Cycles (min.) | 100 | 100 | 100 | 500/2,000 | 100 | 100 |
| Shock Test (g's) | 50 | 50 | 50 | 50 | - | 50 |
| Vibration Test (grms) | 15 | 15 | 15 | 15 | - | 10.2 |
| Susceptibility to Damage | Very Low | Very Low | Very Low | Very Low | Very Low | Very Low |
| Shell Material | Aluminum Alloy | Aluminum Alloy | Aluminum Alloy | Aluminum Alloy | Aluminum Alloy | Aluminum Alloy |
| Shell Plating | Anodized Electroless Nickel, or Zinc Alloy | Cadmium, Anodized, Electroless Nickel, or Zinc Alloy | Cadmium, Anodized, Electroless Nickel, or Zinc Alloy | Black Anodize, Electroless Nickel, Cadmium, or Passivated Cadmium, | - | Cadmium Electroless Nickel or Black Zinc Cobalt |
| Shell Color | Olive Drab, Silver, or Black | Olive Drab, Silver, or Black | Olive Drab, Silver, or Black | Olive Drab, Silver, or Black | - | Olive Drab Silver or Black |
| Positive Shell Polarization | Yes | Yes | Yes | Yes | Yes | Yes |
| Insert Polarization Options | Yes | Yes | Yes | Yes | Yes | Yes |
| User Polarization | Yes | No | No | No | No | No |
| Standards/Associated Specs. | MIL-DTL-5015 UL #E115497 CSA LR 69183 | MIL-DTL-5015 | MIL-DTL-5015 | MIL-DTL-5015 UL #E115497 VG95234 | BACC 63CE BACC 63CD | MIL-DTL-5015 VG 95 342 |
| Contact Plating | Silver or Gold | Silver or Gold | Gold | Silver or Gold | Gold | Silver or Gold |
| Contact Styles | | | | | | |
| Crimp | | ■ | ■ | ■ | ■ | ■ |
| Solder | ■ | ■ | | ■ | | ■ |
| Printed Circuit Solder | | ■ | ■ | ■ | | ■ |
| Printed Circuit Press Fit | | | | | | |
| Thermocouple | | | | | | ■ |
| Wire Wrap | | | | | | |
| Co-Ax | | | | | | |
| Insulation Displacement or Screw | | | | | | |
| Pre Terminated | | | | | | |
| Fiber Optic | | | | | | |
| High Voltage | | | | | | ■ |
| First-Mate Last-Break | | | | | | ■ |

| 5015 SERIES | | 26482 SERIES | | | | | |
|--|---|---|---|---|--|---|---|
| CB/CA-B-Bayonet | CIR | PT/PTSE | 62 GB | MB | KPT | KPSE | PV |
|  |  |  |  |  |  |  |  |
| ITT CANNON | ITT CANNON | AMPHENOL | AMPHENOL | AMPHENOL | ITT CANNON | ITT CANNON | ITT CANNON |
| ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| 26 to 0 | 26 to 0 | 24 to 12 | 24 to 8 | 24 to 12 | 24 to 16 | 24 to 16 | 24 to 12 |
| 1 to 65 | 1 to 159 | 1 to 61 | 2 to 61 | 3 to 61 | 2 to 61 | 2 to 61 | 3 to 61 |
| Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Circular | Circular | Circular | Circular | Circular | Circular | Circular | Circular |
| 1750 VAC | 3,000 VAC | 1,000 VAC/5kv | 1,500 VAC | 2,300 VAC | 1000 VAC | 1000 VAC | 1000 VAC |
| 245 | 150/245 | 23 | 45 | 23 | 22 | 22 | 23 |
| Yes | Yes | Yes | Yes | Yes | No | No | Yes |
| -67°F to 257°F -55°C to 125°C | -67°F to 257°F -55°C to 125°C | -67°F to 257°F -55°C to 125°C | -67°F to 257°F -55°C to 125°C | -67°F to 392°F -55°C to 200°C | -67°F to 257°F -55°C to 125°C | -67°F to 257°F -55°C to 125°C | -67°F to 392°F -55°C to 125°C |
| Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Reverse Bayonet | Reverse Bayonet | Bayonet | Bayonet | Bayonet | Bayonet | Bayonet | Bayonet |
| 500 | 500/2,000 | 500 | 500 | 500 | 500 | 500 | 500 |
| 50 | 50 | 50 | 100 | 150 | 50 | 50 | 150 |
| 10.2 | 15 | 15 | 10 | 20 | 10.2 | 20 | 20 |
| Very Low | Very Low | Very Low | Very Low | Extra Low | Very Low | Very Low | Extra Low |
| Aluminum Alloy | Aluminum Alloy | Aluminum Alloy | Aluminum Alloy, Brass, Stainless Steel | Aluminum Alloy | Aluminum Alloy | Aluminum Alloy | Aluminum Alloy |
| Cadmium, Electroless Nickel or Zinc Cobalt (black or green), Blue Zinc Nickel | Black Anodize, Electroless Nickel, Cadmium, or Passivated | Cadmium, Anodized, Electroless Nickel, or Zinc Alloy | Cadmium, Anodized, Electroless Nickel, or Zinc Alloy | Cadmium, or Electroless Nickel | Cadmium Electroless Nickel or Black Zinc Cobalt | Cadmium Electroless Nickel or Black Zinc Cobalt | Cadmium or Electroless Nickel |
| Olive Drab Silver or Black | Olive Drab, Silver, or Black | Olive Drab, Silver, or Black | Olive Drab, Silver, or Black | Olive Drab, or Silver | Olive Drab Silver or Black | Olive Drab Silver or Black | Silver & Olive Drab |
| Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| No | No | No | No | No | No | No | No |
| VG 95 234 | MIL-DTL-5015 | MIL-DTL-26482 Series I UL #E115497 | - | MIL-DTL-26482 Series II | MIL-DTL-26482 Series I | MIL-DTL-26482 Series I VG 95238 | MIL-DTL-26482 Series II |
| Silver or Gold | Silver or Gold | Gold | Gold | Gold | Gold | Gold | Gold |
| ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
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CONNECTOR SELECTOR

| | 26482 SERIES | | 38999 SERIES | | | |
|--|---|---|---|---|---|---|
| | AFD | LJT/HE308 | JT | TV-CTV | AMPHE-LITE | SJT/JN1003 |
| |  |  |  |  |  |  |
| | TE DEUTSCH | AMPHENOL | AMPHENOL | AMPHENOL | AMPHENOL | AMPHENOL |
| Industrial/Commercial | ■ | | | | | |
| Harsh Environment | ■ | ■ | ■ | ■ | ■ | ■ |
| Military | ■ | ■ | ■ | ■ | ■ | ■ |
| Wire Gauge Range (AWG) | 24 to 12 | 24 to 12 | 28 to 12 | 28 to 12 | 28 to 8 | 28 to 12 |
| Number of Circuits | 3 to 61 | 2 to 128 | 3 to 128 | 1 to 128 | 2 to 128 | 1 to 128 |
| Sealed Against Water Jets | Yes | Yes | Yes | Yes | Yes | Yes |
| EMI/RFI-Shielding | Yes | Yes | Yes | Yes | Yes | Yes |
| Style | Circular | Circular | Circular | Circular | Circular | Circular |
| Operating Voltage / DWV | 2,300 VAC | 2,300 VAC | 2,300 VAC | 2,300 VAC | 2,300 VAC | 2,300 VAC |
| Current Rating (Amps) | 7.5 to 23 | 1.5 to 23 | 1.5 to 23 | 1.5 to 46 | 1.5 to 46 | 1.5 to 23 |
| Power & Signal on Same Layout | Yes | Yes | Yes | Yes | Yes | Yes |
| Operating Temperature | -67°F to 392°F -55°C to 200°C | -85°F to 392°F -65°C to 200°C | -85°F to 392°F -65°C to 200°C | -85°F to 392°F -65°C to 200°C | -67°F to 248°F -55°C to 125°C | -67°F to 392°F -65°C to 200°C |
| Submersible | Yes | Yes | Yes | Yes | Yes | Yes |
| Individual Wire Sealing | Yes | Yes | Yes | Yes | Yes | Yes |
| Cable Jacket Sealing | No | Yes | Yes | Yes | Yes | Yes |
| Type of Coupling | Bayonet | Bayonet | Bayonet | Threaded | Threaded | Bayonet |
| Life in Mating Cycles (min.) | 500 | 500 | 500 | 500/1500 | 500 | 500 |
| Shock Test (g's) | 150 | 300 | 300 | 300 | - | 300 |
| Vibration Test (grms) | 20 | 49.5 | 43.7 | 60 | - | 49.5 |
| Susceptibility to Damage | Extra Low | Extra Low | Extra Low | Extra Low | Very Low | Extra Low |
| Shell Material | Aluminum Alloy | Aluminum Alloy | Aluminum Alloy | Aluminum Alloy, Stainless Steel, Marine Nickel Alum. Bronze or Composite | Composite | Aluminum Alloy |
| Shell Plating | Cadmium, or Electroless Nickel | Cadmium, Electroless Nickel, or Anodized | Cadmium, Electroless Nickel, or Anodized | Cadmium, Electroless Nickel, Anodized, Black Zinc Nickel, or Durmalon | Cadmium, or Electroless Nickel | Cadmium, Electroless Nickel, Anodized or Zinc Cobalt |
| Shell Color | Olive Drab, or Silver | Olive Drab, Silver, or Bronze | Olive Drab, Silver, or Bronze | Olive Drab, Silver, or Bronze | Olive Drab, Silver, or Black | Olive Drab, Silver, or Bronze |
| Positive Shell Polarization | Yes | Yes | Yes | Yes | Yes | Yes |
| Insert Polarization Options | Yes | Yes | Yes | Yes | Yes | Yes |
| User Polarization | No | No | No | No | No | No |
| Standards/Associated Specs. | MIL-DTL-26482 Series II | MIL-DTL-38999 Series I | MIL-DTL-38999 Series I | MIL-DTL-38999 Series III | UL E115497 | - |
| Contact Plating | Gold | Gold | Gold | Gold | Gold | Gold |
| Contact Styles | | | | | | |
| Crimp | ■ | ■ | ■ | ■ | ■ | ■ |
| Solder | Hermetic Only | | | | | |
| Printed Circuit Solder | ■ | ■ | ■ | ■ | ■ | ■ |
| Printed Circuit Press Fit | | | | | | |
| Thermocouple | ■ | ■ | ■ | ■ | ■ | ■ |
| Wire Wrap | | | | | | |
| Co-Ax | ■ | ■ | ■ | ■ | ■ | ■ |
| Insulation Displacement or Screw Pre Terminated | | | | | | |
| Fiber Optic | ■ | ■ | ■ | ■ | ■ | ■ |
| High Voltage | | | | | | |
| First-Mate Last-Break | | | | | | |



| ITT CANNON | ITT CANNON | ITT CANNON | TE DEUTSCH | TE DEUTSCH | TE DEUTSCH | AMPHENOL | TE DEUTSCH |
|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|--|-----------------------------------|---|--|
| ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| 28 to 12 | 28 to 12 | 28 to 12 | 24 to 12 | 28 to 12 | 28 to 12 | 28 to 8 | 24 to 12 |
| 3 to 128 | 3 to 128 | 3 to 128 | 3 to 128 | 1 to 128 | 2 to 128 | 2 to 79 | 3 to 61 |
| Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Circular | Circular | Circular | Circular | Circular | Circular | Circular | Circular |
| 2300 VAC | 2300 VAC | 2300 VAC | 2,300 VAC | 2,300 VAC | 2,300 VAC | 2,300 VAC | 2,300 VAC |
| 1.5 to 23 | 1.5 to 23 | 1.5 to 23 | 1.5 to 23 | 1.5 to 23 | 1.5 to 23 | 1.5 to 46 | 7.5 to 23 |
| Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| -85°F to 392°F -65°C to 200°C | -85°F to 392°F -65°C to 200°C | -85°F to 392°F -65°C to 200°C | -67°F to 392°F -55°C to 200°C | -67°F to 392°F -55°C to 200°C | -67°F to 392°F -55°C to 200°C | -47°F to 104°F -20°C to 40°C | up to 500°F up to 260°C |
| Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Yes | Yes | Yes | No | No | No | Yes | No |
| Bayonet | Bayonet | Threaded | Bayonet | Threaded | Threaded | Threaded | Threaded |
| 500 | 500 | 500 | 500 | 500/1500 | 500/1500 | 500 | 250/500 |
| 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 |
| 49.5 | 43.7 | 60 | 49.5 | 60 | 60 | 60 | - |
| Extra Low | Extra Low | Extra Low | Extra Low | Extra Low | Extra Low | Extra Low | Extra Low |
| Aluminum Alloy | Aluminum Alloy | Aluminum Alloy | Aluminum Alloy | Aluminum Alloy or Stainless Steel | Composite | Aluminum Alloy, Brass, or Stainless Steel | Aluminum Alloy or Stainless Steel |
| Cadmium or Electroless Nickel | Cadmium or Electroless Nickel | Cadmium or Electroless Nickel | Cadmium, or Electroless Nickel | Cadmium, Electroless Nickel, or Black Zinc | Cadmium, or Electroless Nickel | Anodized | Cadmium, Anodized, or Electroless Nickel |
| Silver & Olive Drab | Silver & Olive Drab | Silver & Olive Drab | Olive Drab, or Silver | Olive Drab, or Silver | Olive Drab, or Silver | Black | Olive Drab, Silver, or Black |
| Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| No | No | No | No | No | No | No | No |
| MIL-DTL-38999 Series I | MIL-DTL-38999 Series II | MIL-DTL-38999 Series III | MIL-DTL-38999 Series I | MIL-DTL-38999 Series III | MIL-DTL-38999 Series III | - | EN2997/ BACC63CN/ BACC63CM |
| Gold | Gold | Gold | Gold | Gold | Gold | Gold | Gold |
| ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| ■ | ■ | ■ | Hermetic Only | Hermetic Only | | | Hermetic Only |
| ■ | ■ | ■ | ■ | ■ | ■ | ■ | |
| ■ | ■ | ■ | ■ | ■ | ■ | ■ | |
| ■ | ■ | ■ | ■ | ■ | ■ | ■ | |
| ■ | ■ | ■ | ■ | ■ | ■ | ■ | |
| ■ | ■ | ■ | ■ | ■ | ■ | ■ | |
| ■ | ■ | ■ | ■ | ■ | ■ | ■ | |
| ■ | ■ | ■ | ■ | ■ | ■ | ■ | |

CONNECTOR SELECTOR

| D-SUB | MICRO D-SUB | | HIGH-SPEED | MICRO-MINIATURE CIRCULAR | |
|-------|-------------|-----|------------|--------------------------|------|
| D-SUB | MDSM | MDM | RJ | 2M | SCE2 |









| | ITT CANNON | ITT CANNON | ITT CANNON | AMPHENOL | AMPHENOL | AMPHENOL |
|----------------------------------|--|----------------------------------|---|---|---|----------------------------------|
| Industrial/Commercial | ■ | ■ | ■ | ■ | ■ | ■ |
| Harsh Environment | | | | ■ | ■ | ■ |
| Military | ■ | | ■ | | ■ | ■ |
| Wire Gauge Range (AWG) | 30 to 18 | 30 to 26 | 25 | CAT5/6E | 20 to 12 | 24 to 30 |
| Number of Circuits | 2 to 78 | 9,15,25 | 9 to 100 | 2 to 79 | 1 to 130 | 7 to 37 |
| Sealed Against Water Jets | No | No | No | Yes | Yes | Yes |
| EMI/RFI-Shielding | Yes | Yes | Yes | Yes | Yes | Yes |
| Style | Rectangular | Rectangular | Rectangular | Circular | Circular | Circular |
| Operating Voltage / DWV | 750 to 1700 VAC | 350 VAC | 600 VAC | - | 1800 VAC | 400 VAC |
| Current Rating (Amps) | 1 to 7.5 | 1 | 2.5 | - | 20 | 23 |
| Power & Signal on Same Layout | Yes | No | No | No | Yes | Yes |
| Operating Temperature | -67°F to 257°F -55°C to 125°C | -67°F to 257°F -55°C to 125°C | -67°F to 257°F -55°C to 125°C | -40°F to 185°F -40°C to 85°C | -67°F to 392°F -55°C to 200°C | -67°F to 248°F -55°C to 125°C |
| Submersible | No | No | No | Yes | Yes | Yes |
| Individual Wire Sealing | No | No | Yes | No | Yes | No |
| Cable Jacket Sealing | No | No | No | Yes | Yes | Yes |
| Type of Coupling | Screw Lock Thumbscrews or Slide Lock | Push-Pull or Thumbscrews | Screw Lock or Thumbscrews | Push-Pull, Bayonet, Triple-Lead Threaded | Push-Pull Bayonet Triple & Dual-Lead Threaded | Push-Pull |
| Life in Mating Cycles (min.) | 200 Typical | 10,000 | 500 | 500 | 250/2000 | 200 |
| Shock Test (g's) | 50 | 50 | 50 | 250 | 300 | 100 |
| Vibration Test (grms) | 10 | 5 | 20 | 10 | 37 | 10 |
| Susceptibility to Damage | Low | Low | Low | Very Low | Extra Low | Very Low |
| Shell Material | Aluminum, Stainless Steel, Brass | Steel | Aluminum Alloy | Thermoplastic, Aluminum | Aluminum Alloy | Aluminum Alloy |
| Shell Plating | Tin, Cadmium, Zinc, Gold over Copper, | Electroless Nickel | Yellow Chromate over Cadmium, Electroless Nickel, Black Anodized | Cadmium Anodized, Electroless Nickel, Zinc Cobalt (black or green) | Black Anodized, Electroless Nickel, Cadmium, Durmalon Passivated, Zinc-Nickel (black or green) | Black-Silver |
| Shell Color | Silver, Yellow or Gold | Black & Silver | Silver & Yellow | Olive Drab, Silver, or Black | Olive Drab, Silver, or Bronze | Black Matte |
| Positive Shell Polarization | Yes | Yes | Yes | Yes | Yes | Yes |
| Insert Polarization Options | No | No | No | Yes | Yes | Yes |
| User Polarization | Yes | No | No | Yes | No | No |
| Standards/Associated Specs. | MIL-C-24308, GSFC 311P | UL E-8572 | MIL-DTL-83513 | - | - | - |
| Contact Plating | Tin/Gold | Gold | Gold | Gold | Gold | Gold |
| Contact Styles | | | | | | |
| Crimp | ■ | ■ | ■ | | ■ | |
| Solder | ■ | | | | | ■ |
| Printed Circuit Solder | ■ | ■ | ■ | ■ | | ■ |
| Printed Circuit Press Fit | ■ | | | | | |
| Thermocouple | | | | | | |
| Wire Wrap | ■ | | | | | |
| Co-Ax | ■ | | ■ | | | |
| Insulation Displacement or Screw | ■ | | | | | |
| Pre Terminated | | ■ | ■ | ■ | | ■ |
| Fiber Optic | | | | ■ | | |
| High Voltage | ■ | | | | | |
| First-Mate Last-Break | | | | | | |

| MICRO-MINIATURE CIRCULAR | | | PUSH-PULL | | | | CLIP LOCK |
|--------------------------|------|------|-----------|----------|------|-------|-----------|
| MKJ | MIKQ | MIKM | 44 SERIES | ECO-MATE | C091 | ALDEN | CLC |



| ITT CANNON | ITT CANNON | ITT CANNON | AMPHENOL | AMPHENOL | AMPHENOL | AMPHENOL | ITT CANNON |
|---|--|----------------------------------|----------------------------------|---|---------------------------------|--------------------------------|----------------------------------|
| ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| ■ | ■ | | | | | ■ | ■ |
| ■ | ■ | | | | | | |
| 28 to 12 | 28 to 12 | 26 to 25 | 14 to 18 | 26 to 14 | 18 to 26 | 26 to 12 | 20 to 16 |
| 2 to 85 | 2 to 85 | 7,19,37 | 1 to 6 | 4 to 7 | 3 to 14 | 1 to 78 | 2 & 4 |
| Yes | Yes | No | Yes | Yes | Yes | Yes | Yes |
| Yes | Yes | Yes | No | No | Yes | Yes | No |
| Circular | Circular | Circular | Circular | Circular | Circular | Circular | Circular |
| 1800 VAC | 1800 VAC | 900 VAC | 250 VAC | 400 VAC / 250 VAC | 250 VAC / 60 VAC | 300 VAC | 1000 VAC |
| 20 | 20 | 3 | 8A | 10 to 16 | 3 to 5 | 2 to 20 | 5 |
| Yes | Yes | No | Yes | Yes | Yes | Yes | No |
| -67°F to 392°F -55°C to 200°C | -67°F to 392°F -55°C to 200°C | -67°F to 257°F -55°C to 125°C | -40°F to 221°F -40°C to 105°C | -40°F to 212°F -40°C to 100°C | -40°F to 185°F -40°C to 85°C | -4°F to 30°F -20°C to 150°C | -40°F to 185°F -40°C to 150°C |
| Yes | Yes | No | Yes | Yes | Yes | Yes | Yes |
| Yes | Yes | Yes | Yes | No | No | No | Yes |
| Yes | Yes | No | No | Yes | Yes | Yes | Yes |
| Push-Pull, Bayonet Triple & Dual-Lead Threaded | Push-Pull, Bayonet Triple & Dual-Lead Threaded | Push-Pull | Friction-Fit | Threaded | Threaded or Bayonet | Pulse-Lock | Clip Lock |
| 250/2000 | 250/2000 | 500 | 25 (Max) | 500 | 1000 | 5000 | 25 |
| 300 | 300 | 50 | - | - | - | - | 100 |
| 37 | 37 | 20 | - | - | - | - | 10.2 |
| Extra Low | Extra Low | Low | Medium | Very Low | Very Low | Low | Very Low |
| Aluminum Alloy | Aluminum Alloy | Brass | Stanoprene. Thermoplastic rubber | PA6.6/PA6 | Die Cast | Thermoplastic or Brass | Thermoplastic |
| Black Anodized, Electroless Nickel, Cadmium, Passivated, Zinc-Nickel (black or green) | Electroless Nickel | Electroless Nickel | None | None | Nickel | Nickel-Plated | - |
| Olive Drab, Silver, or Bronze | Silver | Silver | Black | Black & Blue | Silver | Black or Silver | Black |
| Yes | Yes | Yes | No | No | No | Yes | Yes |
| Yes | Yes | No | No | No | No | No | Yes |
| No | No | No | No | No | No | No | No |
| - | - | - | - | VDE1781, 1780: SEV00.00394: UL E63093: CSA 48932: German Lloyd 14108/84 | UL E63093 | - | - |
| Gold | Gold | Gold | Tinned | Silver or Gold | Silver | Gold | Gold |
| ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| | | | | ■ | ■ | ■ | |
| | | ■ | | | ■ | | |
| | | | | | | ■ | |
| | | | | ■ | | ■ | |
| | | | | | | ■ | |

CONNECTOR SELECTOR

| | CLIP & SNAP LOCK | | TRIDENT | | | |
|----------------------------------|---|---|---|---|---|---|
| | SLC | SLE | TRIDENT RINGLOCK | TRIDENT NEPTUNE | TNM | TRIDENT MULTIWAY |
| |  |  |  |  |  |  |
| | ITT CANNON | ITT CANNON | ITT CANNON | ITT CANNON | ITT CANNON | ITT CANNON |
| Industrial/Commercial | ■ | ■ | ■ | ■ | ■ | ■ |
| Harsh Environment | ■ | ■ | ■ | ■ | ■ | |
| Military | | | | | | |
| Wire Gauge Range (AWG) | 20 to 16 | 20 to 16 | 28 to 14 | 28 to 12 | 28 to 8 | 28 to 14 |
| Number of Circuits | 5 & 10 | 19 & 28 | 4 to 48 | 4 to 48 | 4 to 19 | 14 to 75 |
| Sealed Against Water Jets | Yes | Yes | Yes | Yes | Yes | No |
| EMI/RFI-Shielding | No | No | No | No | Yes | Yes |
| Style | Circular | Rectangular | Circular | Circular | Circular | Rectangular |
| Operating Voltage / DWV | 1000 VAC | 1000 VAC | 250 VAC | 250 VAC | 250 VAC | 200 VAC |
| Current Rating (Amps) | 5 | 5 | 16 | 30 | 16 / 40 | 16 |
| Power & Signal on Same Layout | No | No | No | Yes | No | No |
| Operating Temperature | -40°F to 248°F -40°C to 140°C | -40°F to 257°F -40°C to 125°C | -67°F to 221°F -55°C to 105°C | -67°F to 221°F -55°C to 105°C | -67°F to 221°F -55°C to 105°C | -67°F to 248°F -55°C to 120°C |
| Submersible | Yes | Yes | Yes | Yes | Yes | No |
| Individual Wire Sealing | Yes | Yes | No | Yes | Yes | No |
| Cable Jacket Sealing | Yes | No | Yes | Yes | Yes | No |
| Type of Coupling | Slide Lock | Slide Lock | Bayonet | Bayonet | Bayonet | Thumbscrews |
| Life in Mating Cycles (min.) | 25 | 25 | 500 | 500 | 500 | 500 |
| Shock Test (g's) | 100 | 100 | 10 | 10 | 10 | - |
| Vibration Test (grms) | 10.2 | 10.2 | 15 | 15 | 15 | - |
| Susceptibility to Damage | Very Low | Very Low | Low | Low | Low | Low |
| Shell Material | Thermoplastic | Thermoplastic | UL94V0 Plastic/Copper Alloy | UL94V0 Plastic/Copper Alloy | Zinc Alloy | Zinc Alloy |
| Shell Plating | - | - | Nickel | Nickel | Nickel | Zinc Alloy Gray |
| Shell Color | Black | Black | Black | Black | Silver | Gray |
| Positive Shell Polarization | Yes | Yes | Yes | Yes | Yes | Yes |
| Insert Polarization Options | Yes | Yes | No | No | No | No |
| User Polarization | No | Yes | Yes | Yes | Yes | No |
| Standards/Associated Specs. | - | - | UL | UL | UL | - |
| Contact Plating | Gold | Gold | Tin or Gold | Tin or Gold | Tin or Gold | Tin or Gold |
| Contact Styles | | | | | | |
| Crimp | ■ | ■ | ■ | ■ | ■ | ■ |
| Solder | | | ■ | ■ | ■ | |
| Printed Circuit Solder | | ■ | ■ | ■ | | |
| Printed Circuit Press Fit | | | | | | |
| Thermocouple | | | | | | |
| Wire Wrap | | | | | ■ | |
| Co-Ax | | | ■ | ■ | | |
| Insulation Displacement or Screw | | | | | | |
| Pre Terminated | | | | | | |
| Fiber Optic | | | | | | |
| High Voltage | | | | ■ | | |
| First-Mate Last-Break | | | ■ | ■ | | |

ADDITIONAL SERIES



| AMPHENOL | AMPHENOL | ITT CANNON | ITT CANNON | ITT CANNON | ITT CANNON | TE DEUTSCH | TE DEUTSCH | TE DEUTSCH |
|----------------------------------|--|------------------------------------|---------------------------------|----------------------------------|----------------------------------|----------------------------------|--|--|
| ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| | | | ■ | ■ | | ■ | ■ | ■ |
| | | | | | | ■ | | |
| 28 to 8 | 28 to 12 | 32 to 18 | 20 to 4 | 20 to 0 | 26 to 4 | 24 to 12 | 28 to 22 | 28 to 8 |
| 1 to 16 | 1 to 12 | 60 to 2496 | 1 to 10 | 1 to 4 | 2 to 110 | 2 to 61 | 3 to 9 | 1 to 80 |
| Yes | Yes | No | Yes | Yes | No | Yes | Yes | Yes |
| No | No | Yes | No | No | No | Yes | No | Yes |
| Rectangular | Circular | Rectangular | Circular/ Rectangular | Circular | Circular | Circular | Rectangular | Rectangular |
| 600 VAC | 1500 VAC | 1200 VAC | 400 VAC | 1000 VDC | 3450 VAC | 2300 VAC | 1,300 VAC | 1500 VAC |
| 46 | 23 | 5 to 10** | 15* | 240 | 80 | 1.5 to 23 | 1.5 to 5 | 46 |
| No | Yes | No | No | No | Yes | Yes | No | Yes |
| -67°F to 284°F -55°C to 140°C | -65°F to 257°F -65°C to 120°C | -67°F to 221°F -55°C to 105°C | -40°F to 185°F -40°C to 85°C | -40°F to 284°F -40°C to 140°C | -67°F to 257°F -55°C to 125°C | -67°F to 392°F -55°C to 200°C | -67°F to +347°F -55°C to +175°C | -67°F to +347°F -55°C to +175°C |
| No | Yes | No | Yes | Yes | No | Yes | Yes | Yes |
| Yes | Yes | No | Yes | Yes | No | Yes | Yes | Yes |
| No | No | No | Yes | Yes | No | No | No | No |
| Thumbscrews | Twist lock or Push Pull | Quarter Turn Handle | Multi-Ripple | Reverse Bayonet | Acme Thread | Bayonet | Push/Pull | Push/Pull Thumbscrews |
| 250 | 50 - PP 500 - TL | 10,000 to 100,000 | 50 | 50 | 500 | 500 | 500 | 500 |
| - | 100 - TL | 50 | 50 | 20 | 50 | 300 | EN2591-402, Method A, severity 100 | EN2591-402, Method A, severity 100 |
| - | 15 | 20 | - | 20 | 15 | 0 | EN2591-403, Method B, Level E, 8h/axis | 20 |
| Low | Low | Extra Low | Low | Very Low | Low | Extra Low | Low | Low |
| Thermoplastic | Polyamide | Thermoplastic or Aluminum Alloy | Elastomeric | PA Plastic | Aluminum Alloy | Aluminum Alloy | Composite | Composite |
| - | - | Nickel (DLM) | - | - | Cadmium | Cadmium, Electroless Nickel | - | Nickel, Cadmium |
| Black | Various Colors | Black or Silver | Black | Various | Silver | Olive Drab, Silver, or Black | Various | Various |
| Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| No | Yes | No | No | Yes | Yes | Yes | No | Yes |
| Yes | No | Yes | No | Yes | No | No | No | Yes |
| - | BACC 63EDA, BACC 63EDB, BACC 63EEA, BACC 63EEB, | - | UL | DIN-72585 | - | MIL-DTL-83723 | BACC 65CP, BACC 65CR | EN4165 |
| Gold | Gold | Gold over Nickel | Tin or Gold | Gold, Tin, or Silver | Hard Silver | Gold | Gold | Gold |
| ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| ■ | | ■ | ■ | ■ | ■ | Hermetic Only | - | ■ |
| ■ | | ■ | ■ | ■ | ■ | ■ | - | ■ |
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* Power Sure Seal to 85 Amps ** Buss Contact to 60 Amps

PRODUCT FEATURES

5015

97 SERIES // AMPHENOL



- Solder Termination
- UL-Recognized and CSA-Certified
- Wide Selection of Shell Styles and Insert Patterns
- Threaded Coupling, Hard Dielectric Inserts

AIT/MS SERIES // AMPHENOL



- MIL-DTL-5015
- Broad Temperature Range
- Rugged Shell
- Wide Range of Current-Carrying Capability

MS3450 (944*) SERIES // AMPHENOL



- Broad Temperature Range
- Rugged Shell
- Wide Range of Current-Carrying Capability

AIB/GT SERIES // AMPHENOL



- Audible, Visual, and Tactile Confirmation of Mating
- Intermateable with All VG95234 Connectors
- Wide Range of Current-Carrying Capability
- Shock and Vibration Resistant

BACC 5015 SERIES // AMPHENOL



- Full Military Temperature Range
- Rugged Shell
- Standard Shielding Interface: EMI/RFI Shielding
- Resilient Insulator and Grommet

5015

CT/MS-E/F/R SERIES // ITT CANNON



- Full Military Temperature Range
- Rugged Shell
- Standard Shielding Interface: EMI/RFI Shielding
- Resilient Insulator and Grommet

CA-BAYONET SERIES // ITT CANNON



- Full Military Temperature Range
- Rugged Shell
- Simple Mating and Un-Mating
- Wide Range of Current-Carrying Capability

CIR SERIES // ITT CANNON



- MIL-DTL-5015
- Broad Temperature Range
- Rugged Shell
- Wide Range of Current-Carrying Capability

26482

PT MIL-DTL-26482 SERIES I // AMPHENOL



- MIL-DTL-26482 UL#E115497, Solder Contacts Only
- VG 95328
- Rugged Shell
- Solder or Crimp Gold-Plated Contacts

62GB SERIES // AMPHENOL



- Based on MIL-DTL-26482 BS 9522 F0017
- Rugged Shell
- Solder Gold-Plated Contacts

26482

MB DTL-26482 SERIES II // AMPHENOL



- High-Quality Contact System
- Rear Contact Insertion and Release System
- Cork-in-a-Bottle Interfacial Seal System
- Broad Operating Temperatures

KPT / KPSE MIL-DTL-26482 SERIES I // ITT CANNON



- MIL-DTL-26482 VG95328
- Resistant to Military Environments
- Wide Range of Current-Carrying Capability

PV MIL-DTL-26482 SERIES II // ITT CANNON



- Full Military Temperature Range
- Rugged Shell
- Standard Shielding Interface: EMI/RFI Shielding
- Resilient Insulator and Grommet

AFD MIL-DTL-26482 SERIES II // TE DEUTSCH



- Full Military Temperature Range
- Rugged Shell
- Standard Shielding Interface: EMI/RFI Shielding
- Resilient Insulator and Grommet

38999

LJT MIL-DTL-38999 SERIES I // AMPHENOL



- Shielded Interconnect
- Utilizes High-Quality Military Contacts
- Corrosion-Resistant
- MIL-DTL-38999-Approved

38999

JT MIL-DTL-38999 SERIES II // AMPHENOL



- Low-Profile Connector Design
- High-Density Connectors
- Operates at Extreme Temperatures
- MIL-DTL-38999-Approved

TV-CTV MIL-DTL-38999 SERIES III // AMPHENOL



- High-Reliability
- Self-Locking Connector Systems
- Contact Protection, Scoop Proof
- MIL-DTL-38999-Approved

AMPHE-LITE SERIES // AMPHENOL



- UL-recognized, File E115497 RoHS Compliant
- EMI-Shielding Protection
- Self-Locking Connector Systems
- Contact Protection, Scoop-Proof

SJT/JN1003 SERIES // AMPHENOL



- Quick-Mating
- Shielded Interconnect
- Utilizes High-Quality Military Contacts
- Corrosion-Resistant

KJL MIL-DTL-38999 SERIES I // ITT CANNON



- Quick-Mating
- Shielded Interconnect
- Corrosion-Resistant
- Full Metal Contact Retention Clips

PRODUCT FEATURES

38999

KJB MIL-DTL-38999 SERIES III // ITT CANNON



- High Reliability
- EMI Shielding Protection
- Utilizes High-Quality Military Contacts
- High-Density Connectors
- MIL-DTL-38999-Approved

DJT MIL-DTL-38999 SERIES I // TE DEUTSCH



- High-Reliability
- EMI/RFI Shielding Protection
- High-Density Connectors
- Self-Locking Connector System
- MIL-DTL-38999-Approved

DTS MIL-DTL-38999 SERIES III // TE DEUTSCH



- High-Reliability
- EMI/RFI Shielding Protection
- High-Density Connectors
- Contact Protection, Scoop Proof
- MIL-DTL-38999-Approved

ACT MIL-DTL-38999 SERIES III // TE DEUTSCH



- High-Reliability
- EMI/RFI Shielding Protection
- High-Density Connectors
- Contact Protection, Scoop Proof
- MIL-DTL-38999-Approved
- Light-Weight

EXPLOSION PROOF

AMPHE-EX SERIES // AMPHENOL



- Ease of Assembly
- Double-Lead Acme Threaded Coupling System
- ATEX for Zone 1-IIC, IECEx, AEX and Centelec IP68-rated

BACC 45 & 63

983 SERIES/EN2997 // TE DEUTSCH



- High-Reliability
- EMI-Shielding Protection
- Operates at Extreme Temperatures
- Meets MIL-DTL-83723 Specification
- EN2997 Qualified

D-SUB

SPACE/HIGH RELIABILITY D-SUB SERIES // ITT CANNON



- High-Density Insert Arrangements
- Thousands of Styles, Mounting Options, and Contacts
- Qualified to NASA Goddard

MIL/HIGH RELIABILITY D-SUB SERIES // ITT CANNON



- High-Density Insert Arrangements
- Dimpled Shells for Grounding
- Qualified to MIL-DTL-24308 Specifications

COMBO D-SUB SERIES // ITT CANNON



- Various Mating Cycle Contacts 200-500 Mating Cycle
- Optimization of Space
- Various Insert Combinations Available Mixing Signal with Power/Coaxial Contacts

MICRO D-SUB

MDSM SERIES // ITT CANNON



- Audible, Visual, and Tactile Confirmation of Mating
- Intermateable with All VG95234 Connectors
- Wide Range of Current-Carrying Capability

MICRO D-SUB

MDM MIL-DTL-83513 SERIES // ITT CANNON



- Full Military Temperature Range
- Rugged Shell
- Simple Mating and Un-Mating
- Wide Range of Wire Gauges and Current-Carrying Capability

HIGH-SPEED

RJTV SERIES // AMPHENOL



- Full Military Temperature Range
- Rugged Shell
- Standard Shielding Interface: EMI/RFI Shielding
- Resilient Insulator and Grommet

MICRO-MINIATURE CIRCULAR

2M SERIES // AMPHENOL



- 71% In Weight Savings Compared to MIL-DTL-38999
- Broad Family with Many Styles and Options
- 52% Smaller Than MIL-DTL-38999
- For Use in the Harshest of Environments

SCE2 SERIES // AMPHENOL



- Superior EMC Performance
- High Environmental Sealing to IP68
- 2,000 Plus Matings
- Waterproof

MKJ SERIES // ITT CANNON



- Contacts Meet MIL-C-39029 Specifications
- Well Suited for Harsh Environments
- High Density of Contacts

MICRO-MINIATURE CIRCULAR

MIKQ SERIES // ITT CANNON



- Push-Pull Coupling
- High Density .050" Spacing
- Fully Potted Wires for Sealing and Strain Relief
- Front and Rear Panel Mounting

MIKM SERIES // ITT CANNON



- Stainless Steel Housings
- Strong Threaded Coupling System
- Fully Potted Wires for Sealing and Strain Relief
- Able to be PC Mounted

PUSH-PULL

44 SERIES // AMPHENOL



- Long-Term Resistance against Environmental Impacts
- 3 Liquid-Proof Seals (Primary, Secondary and Wire)
- Protection Class IP 65/67
- Protection Against Mis-Mating

ALDEN SERIES // AMPHENOL



- Quick-Release Action
- EMI-Shielding
- IP67 Sealed
- Field-Installable Versions

TUCHEL C091 SERIES // AMPHENOL



- Available with Crimp Solder or PCB Terminals
- Internal Strain Relief
- EMI-Shielded, Fully-Mated on A&D Types
- Ability to Rewire

PRODUCT FEATURES

PUSH-PULL

ECO-MATE SERIES // AMPHENOL



- Quick and Easy to Assemble
- Cable Housing Straight or Angled
- Protection Class IP 65/67
- Housing of Premium Molding Material

TRIDENT

TRIDENT RINGLOCK SERIES // ITT CANNON



- Rugged Metal Coupling Nut
- PCB Available
- Sealed Up to IP65 with Cable Clamp
- RoHS Compliant

TRIDENT NEPTUNE SERIES // ITT CANNON



- Mixed Signal and 30A Power Contact Version
- Up to IP67 Cable Sealing
- Sealed Up to IP65 with Cable Clamp
- Cost Effective and Rugged

TRIDENT TNM SERIES // ITT CANNON



- Mixed Signal and 30A Power Contact Version
- Up to IP67 Cable Sealing
- Rugged 360° Shielded Solution
- RoHS Compliant

TRIDENT MULTIWAY SERIES // ITT CANNON



- Rectangular Connector Bodies
- Keyable Connector Bodies
- Clamshell-Style Plug Cable Clamps
- Strong Connector Snap Locks

SNAP LOCK & CLIP LOCK

CLC SERIES // ITT CANNON



- Clip Lock
- Extremely Small Size
- Terminal Position Assurance
- Strong Resistance to Environmental Contaminants

SLE SERIES // ITT CANNON



- Rectangular Connector Bodies
- Keyable Connector Bodies
- Clamshell-Style Plug Cable Clamps
- Strong Connector Snap Locks

SLC SERIES // ITT CANNON



- Shared Tooling With SLC and CLC
- Keyable Connector Bodies
- Convertible Mounting
- Strong Connector Snap Locks

ADDITIONAL SERIES

LMS/LMD SERIES// AMPHENOL



- Light-Weight Housings
- Modules are Available Sealed and Unsealed
- Four Standard Modules Available

LUMINUS SERIES // AMPHENOL



- Developed to Meet MIL-T-81714 Requirements
- Quick, Simple Connection
- AS39029 Contacts (MIL-C-39029)
- Blind-Mate Connection

ADDITIONAL SERIES //

DL SERIES // ITT CANNON



- True Zero Insertion Force
- Wide Selection of Terminations
- Long Mating Life
- High Pin Count

SURE-SEAL® SERIES // ITT CANNON



- Cost Efficient
- Water Submersible
- Resistant to Automotive/Industrial Environments
- Polarized Against Mis-Mates

APD SERIES // ITT CANNON



- Rugged Plastic Housing
- Three-Point Bayonet Coupling System
- Color-Coded Mated Pairs
- Multiple Cable Handling Options

STANDARD K SERIES // ITT CANNON



- Superior Materials
- Quick Connect and Disconnect
- Variety of Shell Styles
- Simple Assembly and Termination

DL 83723 SERIES // TE DEUTSCH



- High-Reliability
- Outstanding EMI-Shielding Protection
- High-Density Connectors
- MI-DTL-83723 Qualified

ADDITIONAL SERIES //

EN4165 SERIES // TE DEUTSCH



- Light-Weight Composite
- Modularity
- Color and Mechanical Coded
- Comes in Single Way, 2 Way, and 4 Way Modules

369 SERIES // TE DEUTSCH



- Low-Smoke Composite Materials
- Color-Coded Keyed Shells
- Military Standard AS39029 Contacts
- 3, 6 and 9 Way Configurations

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PARAMETRIC SEARCH // Our parametric search helps you find exactly what you need by quickly narrowing your search with over 25 different parameters, such as manufacturer, series, style, type, plating and more!

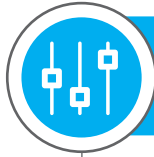
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BUY // Your MyPEI account can be linked to any pre-existing PEI customer account. MyPEI syncs online and offline order information. One portal contains all shipment tracking, invoice and order history.

QUOTE // The Quote process on MyPEI allows you to submit an inquiry for pricing and availability for any part number that's not available or you don't see listed on our site. We also ask that quotes be submitted for large order quantities (typically over 25 items). Your dedicated PEI sales representative will respond back to you via email with a quotation within 48 hours.

ORDER TRACKING // MyPEI gives you real-time order status and a complete record of your purchase history. Track your order through confirmation, shipment, and invoicing. Print or e-mail yourself a copy of your invoice from purchase history for your records. We track everything, whether you ordered online or off!



OPTIMIZE

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APPROVE

We make sure all technical specifications, quotes, timing and quantities are approved by you.



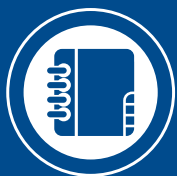
MANUFACTURE

We build your order to your specifications with precision and speed.

CONNECTOR SOLUTION GUIDE (CSG)

As part of our extended family, we want to make life a little easier for you. That's why we've created this Selection Guide with the most popular, pertinent information for finding a solution that fits. Should you require more detailed information on the product lines we offer, check out our Connector Solution Guides in the Resources section at www.peigenesis.com:

- Find what series best meets your needs by using the Comparison Chart
- Look up technical specifications including – Materials and Finishes – Electrical Data – Mechanical Data
- Create your part number by following the step-by-step instructions
- View the exact dimensions to make sure your part meets your application requirements
- Choose the accessories you'll need – Endbells – Cable clamps – Dustcaps – Gaskets and more!
- Learn how to assemble your connector from the detailed assembly instructions



**OUR CONNECTOR SOLUTION GUIDES
ARE AVAILABLE IN FLIP BOOK OR PDF FORMAT.**



Corporate Headquarters, Philadelphia, PA



UK Headquarters, Southampton, UK



Production Headquarters, South Bend, IN



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