Description:
Metri-Pack is a family of electrical connection systems which utilizes internationally standardized male blade sizes, allowing for flexibility in design. Blade sizes range from 1.5 mm to 8 mm with current capability ranging from 14 to 60 amps. Metri-Pack systems are designed to be compatible with processing techniques such as automated pull-to-seat and push-to-seat assembly, dual-stage crimping, load cell crimp inspection and automated part identification and orientation.

Typical Application:
Ideal for low energy electronic circuits or power circuit applications, the Metri-Pack product line includes:
• High-performance interconnects in sealed or unsealed versions.
• Custom-engineered direct connections to motors, switches, sensors and other devices.
• Environmentally sealed electronic headers with current capacity of 14 amps, designed for service in severe environments.
• Junction blocks and electrical centers.

Performance Advantages:
With an extended product range, Metri-Pack systems offer significant design and application versatility. Metri-Pack connections feature Terminal Position Assurance (TPA), Connector Position Assurance (CPA), serrated crimps and triple-rib peripheral seals. In addition, these field-proven systems provide exceptional performance, confirmed over many years on global applications.

<table>
<thead>
<tr>
<th>Features</th>
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<tbody>
<tr>
<td>• Connector Position Assurance (CPA)</td>
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<td>• Terminal Position Assurance (TPA)</td>
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<td>• Electrical versatility from high current to low energy circuits</td>
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<td>• Excellent resistance to temperature, chemicals and abrasion</td>
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<td>• Strength and stability of terminals assures correct alignment</td>
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<td>• -40°C to 125°C temperature range</td>
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</table>
**Application Guidelines**

**150 Series**
- Cable Range (mm²) ................. 0.35 – 1.0
- Current Range (amps) ................. 0 – 14
- Temperature Range (°C) ................. -40 to 125
- Resistance .......................... <10mΩ @ 20mV
- Voltage Drop ...................... <10.0mV/amp
- Centerline Spacing – unsealed (mm) . . 3.5
- Centerline Spacing – sealed (mm) ...... 6.0
- Blade Width (mm) ................. 1.5

**280 Series**
- Cable Range (mm²) ................. 0.35 – 5.0
- Current Range (amps) ................. 0 – 42
- Temperature Range (°C) ................. -40 to 125
- Resistance .......................... <10mΩ @ 20mV
- Voltage Drop ...................... <3.0mV/amp
- Centerline Spacing – unsealed (mm) . . 5.0
- Centerline Spacing – sealed (mm) ...... 7.7
- Blade Width (mm) ................. 2.8

**480 Series**
- Cable Range – unsealed (mm²) ........ 0.35 – 5.0
- Cable Range – sealed (mm²) .......... 0.50 – 5.0
- Current Range (amps) ................. 0 – 60
- Temperature Range (°C) ................. -40 to 125
- Resistance .......................... <10mΩ @ 20mV
- Voltage Drop ...................... <3.0mV/amp
- Centerline Spacing – unsealed (mm) . . 6.9
- Centerline Spacing – sealed (mm) ...... 9.5
- Blade Width (mm) ................. 4.8

**630 Series**
- Cable Range – unsealed (mm²) ........ 0.35 – 5.0
- Cable Range – sealed (mm²) .......... 0.50 – 5.0
- Current Range (amps) ................. 0 – 46
- Temperature Range (°C) ................. -40 to 125
- Resistance .......................... <10mΩ @ 20mV
- Voltage Drop ...................... <3.0mV/amp
- Centerline Spacing – unsealed (mm) . . 8.5
- Centerline Spacing – sealed (mm) ...... 10.8
- Blade Width (mm) ................. 6.3

**800 Series**
- Cable Range (mm²) ................. 2.0 – 8.0
- Current Range (amps) ................. 0 – 60
- Temperature Range (°C) ................. -40 to 125
- Resistance .......................... <10mΩ @ 20mV
- Voltage Drop ...................... <3.0mV/amp
- Centerline Spacing – unsealed (mm) . . 10.3
- Blade Width (mm) ................. 8.0

**Connection Systems**
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