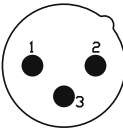
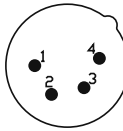
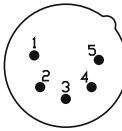
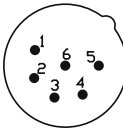


# XLR Connectors

## XLR IP65 Connectors

### STANDARD DATA AX SERIES CHASSIS - IP65

|                                   |   | VALUE   |  |   |   |
|-----------------------------------|---|---|--|---|---|
| <b>GENERAL CHARACTERISTICS</b>    | Number of contacts  | 3   | 4  | 5   | 6A Available  |
|                                   | Contact Arrangement<br>(Front view of pin inserts)                        |  |  |  |  |
|                                   | Termination   | Solder Bucket / Printed Circuit Board (PCB)                                       |  |   |   |
|                                   | Max. Wire Gauge - Stranded wire:<br>Solder<br>Printed Circuit Board - PCB | 14AWG<br>N/A  | 16AWG<br>N/A   | 18AWG<br>N/A  | 18AWG<br>N/A  |
|                                   | Flammability rating of plastics & rubber                                  | UL94V-0   |  |   |   |
|                                   | Environmental   | Complies with EU RoHS 2 Directive 2011/65/EU                                      |  |   |   |
| <b>ELECTRICAL CHARACTERISTICS</b> | Service Voltage RMS   | 133V <sup>1)</sup>  |  |   |   |
|                                   | Test Voltage AC RMS   | 1400V   |  |   |   |
|                                   | Current carrying capacity:<br>Solder<br>Printed Circuit Board (PCB)       | 15A<br>15A  | 10A<br>10A   | 7.5A<br>7.5A  | 7.5A<br>7.5A  |
|                                   | Typical Contact Resistance  | ≤3mΩ  |  |   |   |
|                                   | Insulation Resistance   | ≥1000MΩ   |  |   |   |
| <b>CLIMATIC CHARACTERISTICS</b>   | Protection Class  | IP65  |  |   |   |
|                                   | Operating Temperature   | -25 °C to +75 °C (-13°F to +167°F)  |  |   |   |
| <b>MECHANICAL CHARACTERISTICS</b> | Weight <sup>2)</sup>  | 31g<br>(0.068lb)  | 32g<br>(0.070lb)   | 33g<br>(0.072lb)  | 33g<br>(0.072lb)  |
|                                   | Mechanical Operations   | 1000 mating cycles  |  |   |   |
| <b>MATERIALS</b>                  | Connector Flange Finish   | Rubber Black / Stainless Steel  |  |   |   |
|                                   | Insulators  | PA66 30% Glass Filled Resin   |  |   |   |
|                                   | Male Contact<br>Machined Solder and PCB-(Material/Plating)                | Brass / Tin or Gold (Optional)  |  |   |   |
|                                   | Female Contact<br>Machined Solder and PCB-(Material/Plating)              | Brass / Tin or Gold (Optional)  |  |   |   |

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<sup>1)</sup>Not suitable for domestic applications above 50V

<sup>2)</sup>Approximate weight only, does not include packaging. Please contact us for exact weight for shipping purposes.