

Specifications

Materials and Finishes *

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| Pin Contacts: | Copper alloy per MIL-C-55302 |
| Socket Contacts: | Clipped contacts: Contact: BeCu per MIL-C-55302 Terminal: Copper alloy per MIL-C-55302 Crimp removable contacts: Contact & terminal: Copper alloy per MIL-C-55302 |
| Contact Finish: | Gold plate per ASTM B 488 or SAE AMS 2422. Localized finish per MIL-DTL-55302 and associated slash sheet |
| Molded Insulators: | Glass filled polyphenylene sulfide per MIL-M-24519, Type GST-40F |
| Jackscrews: | Stainless steel per ASTM A 582/A582M-, Passivated per ASTM-A967, SAE AMS-QQ-P-35 |
| Jacksockets: | Stainless steel per ASTM A 582/A582M-, Passivated per ASTM-A967, SAE AMS-QQ-P-35 |
| Jackscrew Knobs: | Stainless steel per ASTM A 582/A582M-, Passivated per ASTM-A967, SAE AMS-QQ-P-35 |
| Guide Pins, Guide Sockets: | Stainless steel per ASTM A 582/A582M-, Passivated per ASTM-A967, SAE AMS-QQ-P-35 |
| Guide Sockets, Polarized "D" type: | BeCu per ASTM-B196, ASTM B 197/B 197M-, Nickel plated per SAE AMS-QQ-N-290 |
| Face Seal Gasket: | Silicone rubber per A-A-59588 |
| Miscellaneous: | |
| Connector Markings: | Contact numbers are stamped on the side of the connector. Numbers are stamped on the low-numbered side only on 2-row and 3-row right angle connectors |
| Torque: | Polarizing Guides and Floating Mounts: 16 + 8/-0 inch ounces. (Minimum of 7 inch ounce reverse torque per Mil-C-55302). Mounting & Hood Hardware: 24 inch ounces maximum. Mating Jacksets: 32 inch ounces maximum Wrap Post: 2 inch ounce minimum per Mil-STD-1130. Helicoil Inserts: #2-56 -- 24 in/oz. maximum. #4-40 -- 32 in/oz. maximum. |
| Tolerances: | Unless otherwise specified: Fractions = $\pm 1/64$ " Decimals = ± 0.010 " Angles = $\pm 5^\circ$ |

Note: AirBorn can manufacture special configurations for your exact specifications.

* = Reference the above listed specifications or an equivalent industry standard when applicable