

SPECIFICATIONS – SEALED CONNECTORS

MATERIALS AND FINISHES*

CONTACTS:	Pins: BeCu alloy strip per ASTM B194 Sockets: Brass per ASTM B16 / B16M or ASTM B453 Uninsulated/solid wire tails: Brass per ASTM B16 / B16M or ASTM B453
CONTACT FINISHES:	Gold plate per ASTM B488
SHELLS:	Aluminum alloy 6061-T6 per SAE AMS-QQ-A-250/11 or 6061-T6511 per SAE AMS-QQ-A-200/8
ALUMINUM SHELL FINISHES:	Electroless Nickel per SAE AMS2404, Class 3, 500 µm" min Electrodeposited Cadmium per SAE AMS-QQ-P-416, Type II, Class 3 Black anodized per MIL-A-8625, Type III, Class 2
MOLDED INSULATORS:	Glass-filled polyphenylene sulfide per MIL-M-24519
EMBEDMENT:	Frey Engineering Co. insulating compound CF3003-80 and L-II-49 or equivalent
JACKSCREWS, JACKPOSTS AND NUTS:	Corrosion resistant steel per ASTM A320 or ASTM A484 / A484M and ASTM A582 / A582M Passivated per SAE AMS2700
GASKETS:	Interfacial: Fluorosilicone per SAE AMS-R-25988 Flange: Butyl per SAE AMS3238** Internal: EPDM per ASTM D2000**
TOLERANCES: (Unless otherwise specified)	Fractions: $\pm 1/64$ " Decimals: ± 0.010 " Angles: $\pm 5^\circ$ Wire lengths: insulated/stranded = $+1.0"/-0.0$ " uninsulated/solid = $+0.2"/-0.0$ "

NOTES

Molex can manufacture special configurations for your exact specifications.

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

**Chemical compatibility of gasket materials must be considered for each application.

Contact Molex for specific application questions.