

SPECIFICATIONS – HYBRID CONNECTORS

MATERIALS AND FINISHES*

CONTACTS:	Pins: BeCu alloy strip per ASTM B194 Sockets: Brass per ASTM B121 / B121M or 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" minimum Electrodeposited Cadmium per SAE AMS-QQ-P-416, type II, class 3
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
CLIPS AND WASHERS:	Corrosion resistant steel per ASME 18.24 or NASM35333 <i>(For reference only: ASME 18.24 CRS per ASTM A693 and NASM35333 CRS per ASTM A240)</i> Passivated per ASME 18.24 or NASM35333 <i>(For reference only: ASME 18.24 and NASM35333 passivated per SAE AMS2700)</i>
INTERFACIAL SEAL GASKETS:	Fluorosilicone per SAE AMS-R-25988
TOLERANCES: <i>(Unless otherwise specified)</i>	Fractions: $\pm 1/64$ " Decimals: ± 0.010 " Angles: $\pm 5^\circ$ Wire lengths: insulated/stranded = $+1.0/-0$

NOTES

Molex can manufacture special configurations for your exact specifications.

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