

SPECIFICATIONS – MATERIALS AND FINISHES*

CONTACTS:	Pins: Copper-based alloy selected for high temperature applications Sockets: Brass per ASTM 8121 / 8121M or ASTM 816 / 816M or ASTM 8453
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 Electroless Nickel per SAE AMS2404, cClass 3, 500 µm" min
MOLDED INSULATORS:	High temperature thermoplastic
EMBEDMENT:	High temperature epoxy
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: $+1.0"/-0.0$ " 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