

SPECIFICATIONS – REAR PANEL MOUNT CONNECTORS

MATERIALS AND FINISHES*

CONTACTS:	Pins: BeCu alloy strip per ASTM B194 Sockets: Brass per ASTM B121 / B121M 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 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
CLIPS AND WASHERS:	Corrosion resistant steel per ASME 18.24 (For reference only: ASME 18.24 CRS per ASTM A693) Passivated per ASME 18.24
GASKETS:	Interfacial: Fluorosilicone per SAE AMS-R-25988 Flange: Fluorosilicone per SAE AMS-R-25988 Flange EMI: Conductive Elastomer per MIL-DTL-83528, Type D
TOLERANCES: (Unless otherwise specified)	Fractions: $\pm 1/64"$ Angles: $\pm 5^\circ$ Decimals: $\pm 0.010"$ 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