

## Specifications Materials and Finishes\*

<b>Contacts:</b>	Pins: BeCu alloy strip per ASTM B 194 Sockets: Brass per ASTM B 121/B 121M, ASTM B 16/B 16M, ASTM B 453
<b>Contact Finish:</b>	Gold plate per ASTM B 488
<b>Embedment:</b>	Insulating compound per MIL-I-16923
<b>Molded Insulators:</b>	Glass filled Liquid Crystal Polymer (LCP) per MIL-M-24519
<b>Shells:</b>	Aluminum Alloy 6061-T6 per QQ-A-250/11 or 6061-T5611 per QQ-A-200/8
<b>Aluminum Shell Finishes:</b>	Electroless Nickel per SAE AMS-2404 Electrodeposited Cadmium per SAE AMS-QQ-P-416 Gold per MIL-DTL-45204
<b>Jackscrews and Jacknuts:</b>	Corrosion resistant steel per ASTM A 484/A 484M and ASTM A 582/A 582M, Passivated per SAE AMS-2700
<b>Face Seal Gaskets:</b>	Fluorosilicone per SAE AMS-R-25988
<b>Tolerances:</b>	Unless otherwise specified: Fractions = $\pm 1/64$ Decimals = $\pm 0.010$ Angles = $\pm 5^\circ$ Wire Lengths Insulated/stranded = $+1.0"/-0.0"$

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