

Contact Finger Strips

CFS Range



The CFS range of contact finger strips are available in Beryllium Copper, Phosphor Bronze and Stainless Steel. Many plating options are also available. Contact finger strips are used to close the aperture between two surfaces and provide high EMI shielding effectiveness.

The strips are very versatile in applications where low closure force is required such as enclosures.

Material Specification (Beryllium Copper)

BeCu alloy 25(CA172) is used for maximum spring, strength and fatigue resistance.

Chemical Composition

Beryllium 1.80 - 2.00%

Cobalt/Nickel 0.20% minimum

Cobalt/Nickel/Iron 0.60% maximum

Copper 97.20% approx.

Physical Properties (Heat Treated)

Electrical Conductivity 12.5-13 m/ Ω mm²

Modulus of Elasticity 185000 N/mm²

Mechanical Properties (Heat Treated)

Temper (1,000 psi)

Tensile Strength 175 min. 185max.

Yield Strength 0.2% offset 150 min. 160 max.

Typical Shielding Effectiveness

H-Field 100 KHz >110dB

E-Field 10 MHz >110dB

P-Field 1GHz >110dB



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