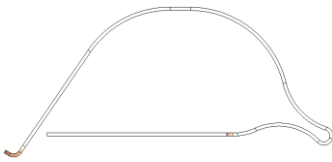
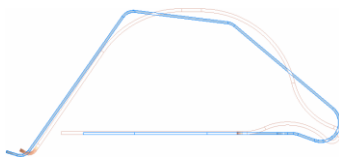


CustomDesigned Fingerstock in Alternative Material

For Internal capability promotion only –
External sharing with Engineering/FAE support only



Original: Standard Profile



Alternative: Custom Profile



Alternative: 3D Model

EFFECTIVE NON-BECU EMI SHIELDING SOLUTION - LOWER TOTAL COST OF OWNERSHIP

Enabled by Laird’s advanced mechanical design and mechanical simulation technologies, select BeCu fingerstock profiles can now be custom designed in alternative materials including stainless steel and phosphor bronze.

Custom solutions are developed with realistic compression simulations of the original and proposed alternative parts. Prototypes are made and tested to validate that mechanical and electrical performance closely resembles the standard BeCu solution and meets critical customer requirements. In shielding effectiveness testing, custom solutions can be tailored to perform nearly as well as the copper beryllium standard.

FEATURES AND BENEFITS

- Alternative material options include: stainless steel, phosphor bronze
- Typical plating options available for improved EMI / electrical performance and/or galvanic compatibility
- Material & shape optimized for close matching of mechanical performance
- Drop in replacement / alternative using same mounting method(s)
- Comparative Testing for EMI shielding performance to BeCu

VALUE

- Lower Total Cost of Ownership

BENEFIT

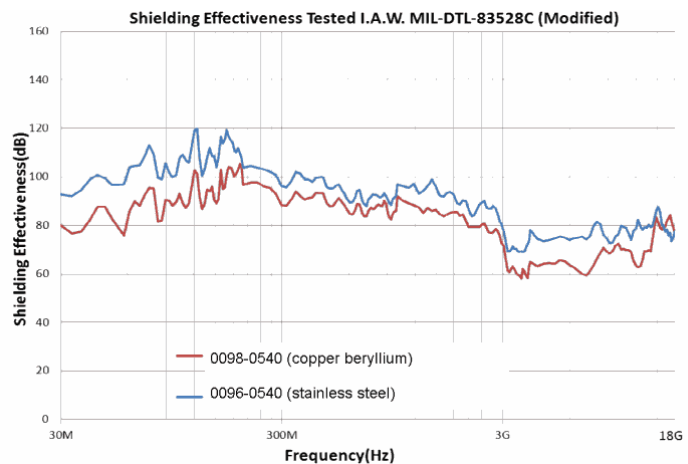
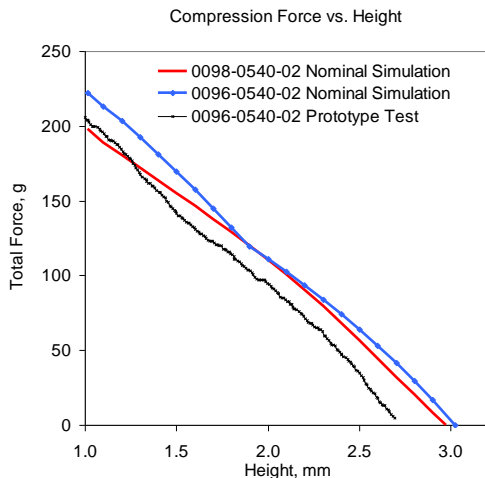
- Optimized solution allowing for non-BeCu design
- Cost effective solution at high volume
- Effective EMI shielding performance

SAMPLES

Part Number	0096054000
Length	16 inches
Available Material	Stainless Steel
Category	Feature

TECHNICAL DATA

Note: Due to the excellent formability and extremely high mechanical performance of BeCu Alloy 25, not all standard profiles can be performance matched with an alternative solution. Please contact the Metals Technology Team for solution evaluations.



USA: +1.866.928.8181
Europe: +49.8031.24600
Asia: +86.755.2714.1166

www.lairdtech.com

EMI-MET-DS-Custom-Designed-Fingerstock_021015

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