AUTOMOTIVE

Introduction

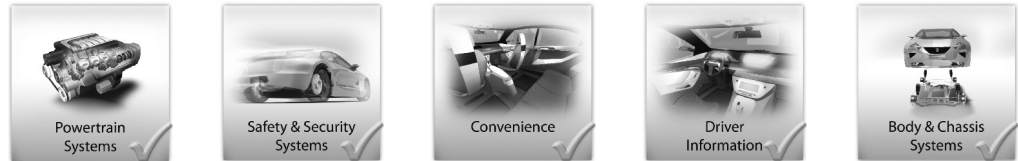| Powertrain Systems | Safety & Security Systems | Convenience | Driver Information | Body & Chassis Systems |

High-Performance Multiple Contact Point Contacts for Automotive Applications

Product Benefits

The PCB Contact Series (2.8 mm, 6.3 mm and 9.5 mm) are high-performance multiple contact point contacts for automotive applications. With soldered joints to PCB and/or stamped grids; e.g. for fuse boxes.

Product Features

■ Contacts for automotive applications suitable for high density PCB and grid packaging

■ Designed to resist deformation

■ Contacts optimized to tolerate fretting corrosion

Applications

■ Generic PCB Modules

■ Fuse Boxes, Power Boxes, PCB Joints

Product Offering

■ SnAg Plating

■ Board-to-Wire

■ Unsealed

■ Optimized for Automated Assembly Lines

■ Wave Soldering Compatible

All specifications subject to change. Consult TE Connectivity for latest specifications.

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2.8 mm Socket Contact

Technical Features

Contact Material:
CuNiSi

Contact Finish:
SnAg

Current Carrying Capacity:
PCB 2.8 mm: <35 A
Depending on application specific factors, such as:
• PCB design
• Mating components
• Packaging environment

Temperature Range:
–40 °C up to +130 °C

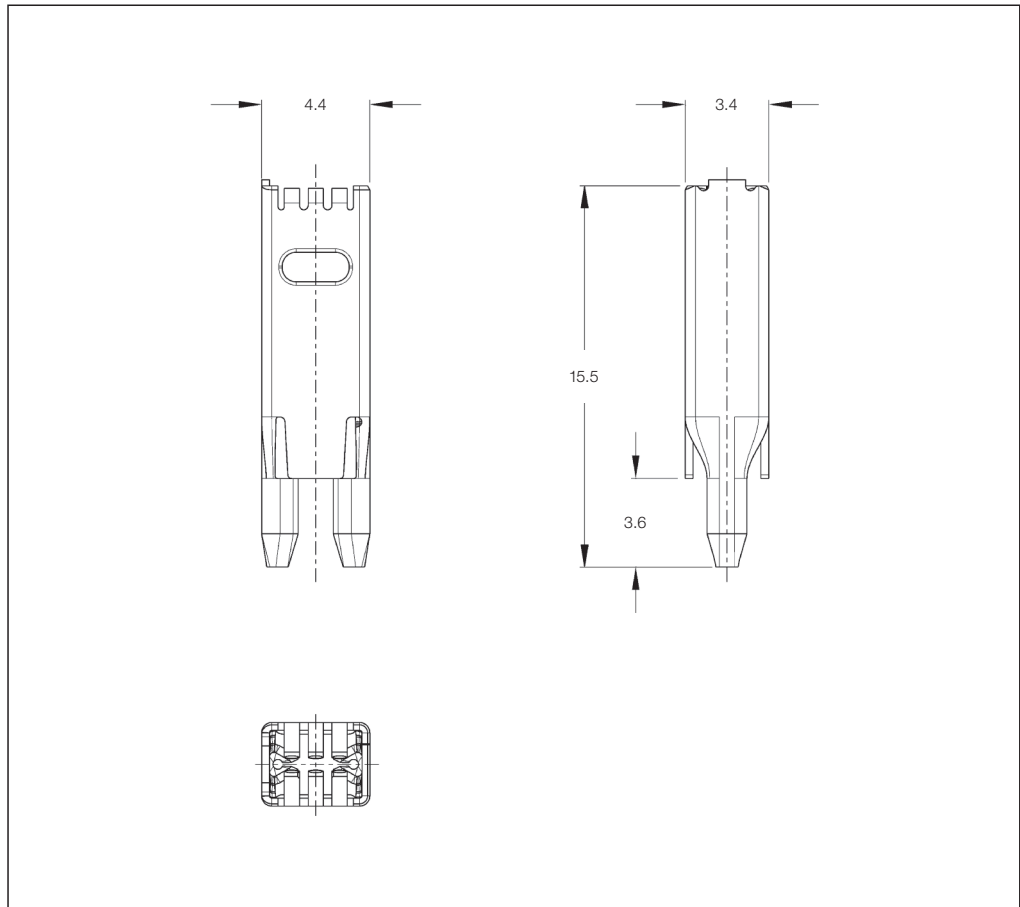**Mating Force:**
Depending on application

Unmating Force:
Depending on application

Product Specification:
108-94129

Application Specification:
114-18910

2.8 mm Socket Contact

Material and Finish	Part Numbers						
	Strip Form	Package Quantity	Loose-Piece	Package Quantity	Mating Tab Contact	Applicator	Hand Tool
CuNiSi, SnAg	1719103-1	10,000 (Reel)	–	–	C-114-18230-002 Version 2b Tab 2.8 x 0.8 mm	–	–

All specifications subject to change. Consult TE Connectivity for latest specifications.

6.3 mm Socket Contact

Technical Features

Contact Material:
CuNiSi

Contact Finish:
SnAg

Current Carrying Capacity:
PCB 6.3 mm: <40 A
Depending on application specific factors, such as:
• PCB design
• Mating components
• Packaging environment

Temperature Range:
–40 °C up to +130 °C

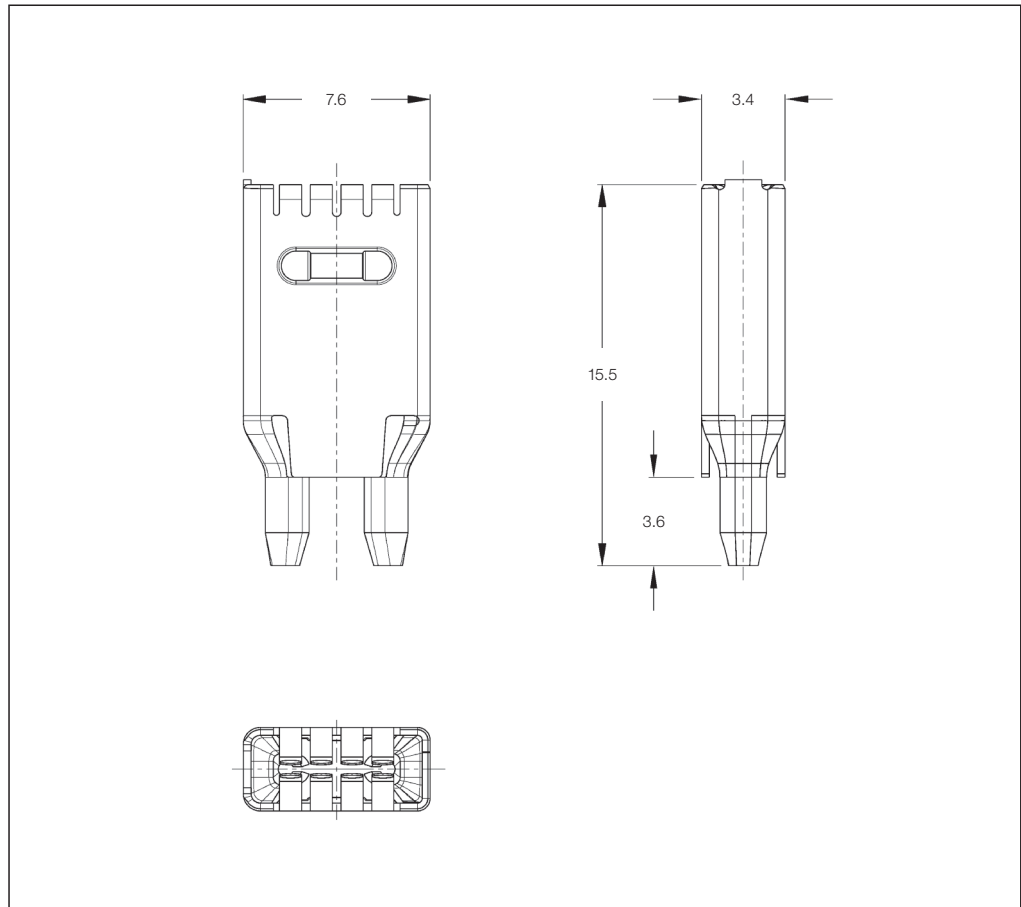**Mating Force:**
Depending on application

Unmating Force:
Depending on application

Product Specification:
108-94129

Application Specification:
114-18910

6.3 mm Socket Contact

Material and Finish	Part Numbers						
	Strip Form	Package Quantity	Loose-Piece	Package Quantity	Mating Tab Contact	Applicator	Hand Tool
CuNiSi, SnAg	1719102-1	4,500 (Reel)	–	–	C-114-18511-1 Tab 6.3 x 0.8 mm	–	–

All specifications subject to change. Consult TE Connectivity for latest specifications.

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AUTOMOTIVE

9.5 mm Socket Contact

Technical Features

Contact Material:
CuNiSi

Contact Finish:
SnAg

Current Carrying Capacity:
PCB 9.5 mm: <70 A
Depending on application specific factors, such as:
• PCB design
• Mating components
• Packaging environment

Temperature Range:
–40 °C up to +130 °C

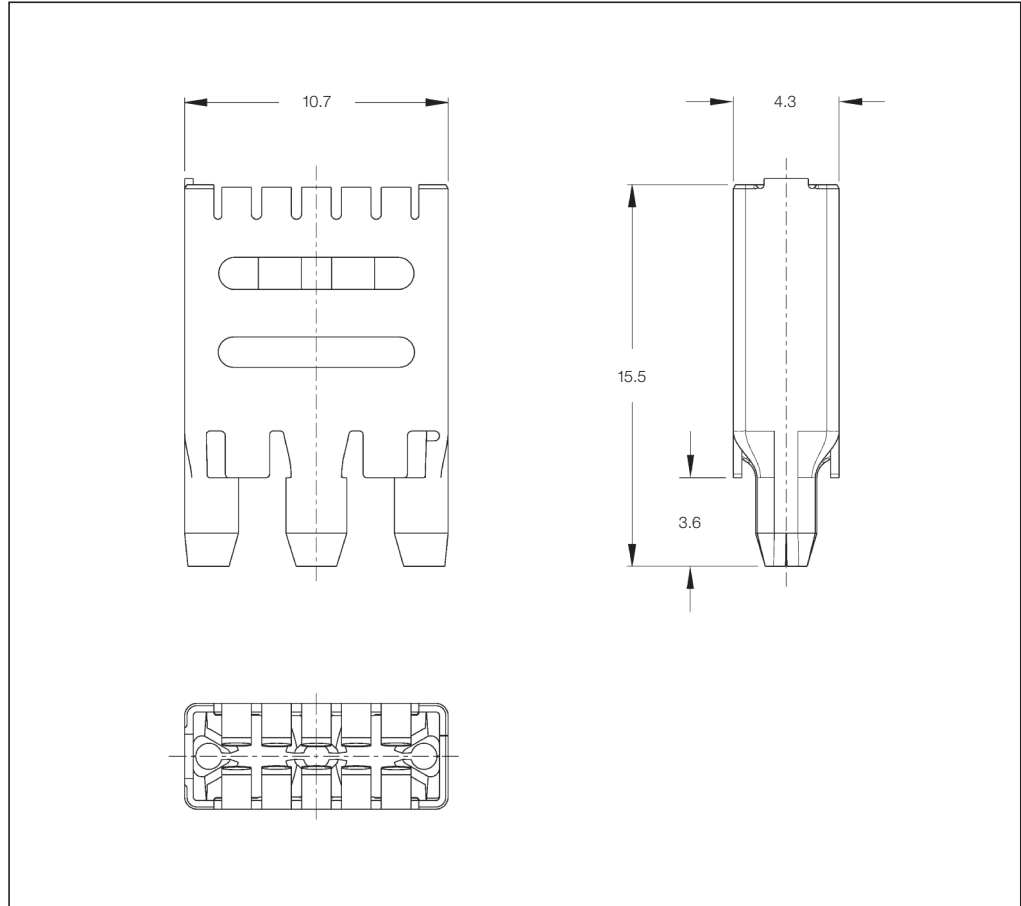**Mating Force:**
Depending on application

Unmating Force:
Depending on application

Product Specification:
108-94129

Application Specification:
114-18910

9.5 mm Socket Contact

Material and Finish	Part Numbers						
	Strip Form	Package Quantity	Loose-Piece	Package Quantity	Mating Tab Contact	Applicator	Hand Tool
CuNiSi, SnAg	1719101-1	2,200 (Reel)	–	–	C-114-18317-1 Tab 9.5 x 1.2 mm	–	–

All specifications subject to change. Consult TE Connectivity for latest specifications.