

# Amphenol Automotive

Amphenol-Tuchel Electronics GmbH



**4mm RADSOK® - C390 - R8S**

N02 040 7901 012



## Product Description

4mm RADSOK®- C390 - R8S

A contact grid made of a beryllium-free copper alloy.

Its feature is a radially twisted lamella layout for self-cleaning with an outstanding contact resistance.

## PRODUCT CHARACTERISTICS

### General Characteristics

- Symmetric socket contact for automotive and industry applications
- Several applications in 4mm contact systems (e.g. pressed in a crimp holder, welded on a busbar...etc.)
- Self-cleaning effect due to a grid twist of 4°

Production technology	Stamping/bending
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## CONSTRUCTION

Sleeve material	Cu-FEP – Sn plated
Grid material	copper alloy – silver plated
Locking clip	stainless steel

## PERFORMANCE CHARACTERISTICS

### Current profiles (crimped)

Current profile (85°C)	80A at 10mm <sup>2</sup>
Current profile (105°C)	70A at 10mm <sup>2</sup>
Current profile (125°C)	60A at 10mm <sup>2</sup>
Voltage range	>1000V
Contamination limits	optional
Mating cycles	>50
Temperature range	-40°C to +180°C
Contact resistance	~ 0,46mΩ

## DIMENSIONAL CHARACTERISTICS

Description	Single contact	Crimp contact w/o locking clip	Crimp contact with locking clip
Length	13,15mm +/-0,2	27,65mm +/-0,4	27,65mm +/-0,4
Diameter	6,00mm +/-0,1	6,00mm +/-0,1	6,00mm +/-0,2

## OTHER DIMENSIONS

N 02 040 7114 202 – 10mm<sup>2</sup> crimp contact with contact clip

N 02 040 7115 212 – 6mm<sup>2</sup> crimp contact with contact clip

N 02 040 7116 212 – 4mm<sup>2</sup> crimp contact with contact clip

NB: All crimp contacts are available without contact clips.