

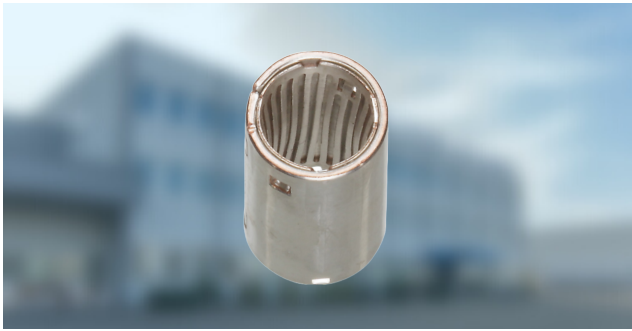
# Amphenol Automotive

Amphenol-Tuchel Electronics GmbH



6mm RADSOK® - C390 - R8S

N02 060 7902 012



## Product Description

6mm 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 Features

- Symmetric socket contact for automotive and industry applications
- Several applications in 6mm contact systems (e.g. pressed in a crimp holder, welded on a busbar,...etc.)
- Very good electrical properties

### Production technology

Stamping/bending

## CONSTRUCTION

### Sleeve material

Cu-OF - Sn plated

### Grid material

Copper alloy - Ag plated

## PERFORMANCE CHARACTERISTICS

### Current profiles (crimped)

Current profile (85°C)	130A at 16mm <sup>2</sup> 100A at 10mm <sup>2</sup>
Current profile (105°C)	115A at 16mm <sup>2</sup> 90A at 10mm <sup>2</sup>
Current profile (125°C)	100A at 16mm <sup>2</sup> 75A at 10mm <sup>2</sup>
Voltage range	>1000V
Contamination limits	optional
Contact resistance	~0,15mΩ
Temperature range	-40°C to +180°C

## DIMENSIONAL CHARACTERISTICS

Description	Single contact	Tolerances
Length	17,5mm	± 0,2mm
Diameter	8,7mm	± 0,1mm

