

Amphenol Automotive

Amphenol-Tuchel Electronics GmbH



6mm RADSOK® - C390 - R8S

N02 060 7901 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	<ul style="list-style-type: none"> - 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
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Production technology	Stamping/bending
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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 ² 100A at 10mm ²
Current profile (105°C)	115A at 16mm ² 90A at 10mm ²
Current profile (125°C)	100A at 16mm ² 75A at 10mm ²
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

