

Amphenol Automotive

Amphenol-Tuchel Electronics GmbH



8mm RADSOK® - C390 - R8S

N02 080 7901 002



Product Description

8mm 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 8mm contact systems (e.g. pressed in a crimp holder, welded on a busbar,...) - Self-cleaning effect due to a grid twist of 4° - Very good electrical properties
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Production technology	Stamping/bending
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CONSTRUCTION

Sleeve material	Cu-FEP - Sn plated
Grid material	Copper alloy - silver plated

PERFORMANCE CHARACTERISTICS

Current profiles (crimped)	
Current profile (85°C)	205A at 35mm ² 265A at 50mm ²
Current profile (105°C)	180A at 35mm ² 235A at 50mm ²
Current profile (125°C)	155A at 35mm ² 200A at 50mm ²
Voltage range	>1000V
Contamination limits	optional
Contact resistance	~0,1mΩ
Temperature range	-40°C to +180°C
Mating cycles	>100

DIMENSIONAL CHARACTERISTICS

Description	Single contact	Tolerances
Length	19,0mm	± 0,1mm
Diameter	10,85mm	± 0,05mm

