Amphenol Automotive

Amphenol-Tuchel Electronics GmbH



8mm RADSOK[®] - C390 - R8S



PRODUCT CHARACTERISTICS

General Features

Product Description

8mm RADSOK® - C390 - R8S

- Symmetric socket contact for automotive and industry

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

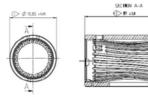
Its feature is a radially twisted lamella layout for self-cleaning with an outstanding contact resistance.

	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
Production technology	Stamping/bending
CONSTRUCTION	
Sleeve material	Cu-FEP - Sn plated
Grid material	Copper alloy - silver plated
PERFORMANCE CHARACTERIST	ICS
Current profiles (crimped)	
Current profile (85°C)	205A at 35mm²
	265A at 50mm²
Current profile (105°C)	180A at 35mm²
	235A at 50mm²
Current profile (125°C)	155A at 35mm²
	200A at 50mm²
Voltage range	>1000V
Contamination limits	optional
Contact resistance	~0,1mΩ
Temperature range	-40°C to +180°C

DIMENSIONAL CHARACTERISTICS

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

>100



Mating cycles

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