

C390 – 14mm Radsok R8S

High voltage, high current contact system

Part-No.: N 02 140 7901 002 – single contact

General:

- symmetric socket contact for applications in Automotive and Industry
- several applications in 8mm contact systems (e.g. pressed in a crimpholder, welded on a busbar,...)
- self-cleaning effect due to a grid twist of 4°
- very good electrical properties
- optimum space properties

Production technology:

- stamping/ bending



Construction:

- sleeve material: Cu-FEP – Sn plated
- grid material: copper alloy – silver plated

Performance characteristics:

- current profiles (crimp contact):
 - current profile (85°C): 360A at 95mm²
410A at 120mm²
 - current profile (105°C): 315A at 95mm²
360A at 120mm²
 - current profile (125°C): 260A at 95mm²
300A at 120mm²
- voltage range: >1000V
- contamination limits: optional
- contact resistance: ~0,035mΩ
- mating cycles: >50
- temperature range: -40°C to +170°C

Dimensional characteristics:

Description	Single contact	Tolerances
Length	25,0 mm	± 0,1 mm
Diameter	18,65 mm	± 0,05 mm

