

C390 – 8mm Radsok R8S

High voltage, high current contact system

Part-No.: N 02 080 7902 002 – single contact

N 02 080 7102 002 – 35-50 mm² crimp contact (90°)

N 02 080 7104 012 – 16mm² crimp contact (180°)

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): 195A at 35mm²
 - 260A at 50mm²
 - current profile (105°C): 170A at 35mm²
 - 220A at 50mm²
 - current profile (125°C): 140A at 35mm²
 - 170A at 50mm²
- ➔ voltage range: >1000V
- ➔ contamination limits: optional
- ➔ contact resistance: ~0,1mΩ
- ➔ temperature range: -40°C to +170°C

Dimensional characteristics:

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

