

# Amphenol Automotive

Amphenol-Tuchel Electronics GmbH



14mm 180° HEAVYSOK® - 2SC

C390 2106 XH22 20XX



## PRODUCT CHARACTERISTICS

Mating design	- Robust flange connection with M6 screw
Terminal System	- 2 x Ø 14.0mm pin; silver plated - 2 x 1.2mm HVIL contact system as jumper; silver plated
Power Termination Technology	- resistance brazing, ultrasonic welding
General Characteristics	- touch-proof - applicable for shielded cable - metal shielded design to cable and interface - sealed in mated condition acc. IP 6K9K - connector supplied in kit form (optional pig-tail) - different codings available
Corresponding Receptacle	- C390 2H06 XH22 400X - Ø 14.0mm RADSOK® contact system; silver plated - power contact pitch 35.0mm - HVIL contact pitch 4.5mm

## DESIGN DETAILS

Housing material	aluminum alloy
Contact material	copper
Cable cross section	2 x 50mm <sup>2</sup>
RFI/EMI protection	metal shielding

## PERFORMANCE CHARACTERISTICS

Vibration class	V2 (acc. to USCAR 2 Rev.06)
Mating force	max. 75 N
Current profile (85°C)	270A with 50mm <sup>2</sup>
Current profile (105°C)	235A with 50mm <sup>2</sup>
Current profile (125°C)	190A with 50mm <sup>2</sup>
Rated voltage	max. 800 V
Environmental temperature range	-40°C to +125°C