

Amphenol Automotive

Amphenol-Tuchel Electronics GmbH



14mm 90° POWERSOK® -3SC

C390 3J06 XH00 20XX



PRODUCT CHARACTERISTICS

Mating design	<ul style="list-style-type: none"> - Robust locking lever for low mating force - Lever position assurance (LPA)
Terminal system	<ul style="list-style-type: none"> - 3 x Ø 14,0mm Cu-Pin - Silver plated - 2 x 1,2mm HVIL contacts - Silver plated
Termination technology	- Ultrasonic welding process for power termination (Al/Cu possible)
General features	<ul style="list-style-type: none"> - Shielded cable cross section: 95mm²/ 70mm² - Metal shielded design for cable and interface - Tightness: IP6K7, IP6K9K - Connector supplied as kit (optional pig-tail) - Touch proof: IPxxB/ IPxxD

CONSTRUCTION

Housing material	PBT-GF 25 (V0)
Contact material	Cu (silver plated)
Standard wire	3 x 95mm ² / 3 x 70mm ²
RFI/EMI protection	360° shielding
Touch protection cap	IPx7K available

PERFORMANCE CHARACTERISTICS

Vibration class	ISO 16750-3 Test VII+IX
Mating force	<75N
Current profile	340A @ 80°C (with cable 70mm ²)
Voltage range	1000V
Temperature range	-40°C to +150°C

CONNECTOR INTERFACE

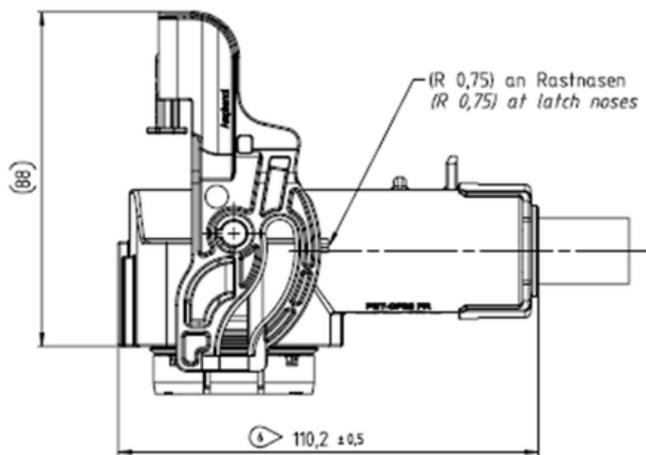
Ø 14,0mm RADSOK[®] contact system

Silver plated

Power contact pitch 28,8mm

HVIL contact pitch 2,5mm

DIMENSIONS



⑤ Zustand: Verriegelungshebel offen, CPA vormontiert
 state: locking lever open, CPA pre-mounted

