

HVMC 14mm 2 poles connector (180°)

High voltage, high current, 70mm²~120mm² wire, metal shielded, HVIL

Part-No.:

→ Plug:

HVMC2P14FSX95 (95 mm²: 20.1~20.9)

HVMC2P14FSX12 (120 mm²: 22.2~23.0)

→ Socket:

HVMC2P14MVX00 (type 1, M10)

"X" indicates code 1/2

Mating design:

- Operation with handle
- Plug & Socket locking : M8 bolt

Terminal system:

- 2x Ø 14 mm Radsok, silver plated
- Wire size 70/95/120mm², shielding
- HVIL contact system

Terminal technology:

- Crimping for power termination
- Crimping for HVIL termination

General:

- IP67, IP6K9K (mated)
- IPXXB (unmated)
- HVIL
- 360° shielding
- Coding: 1/2

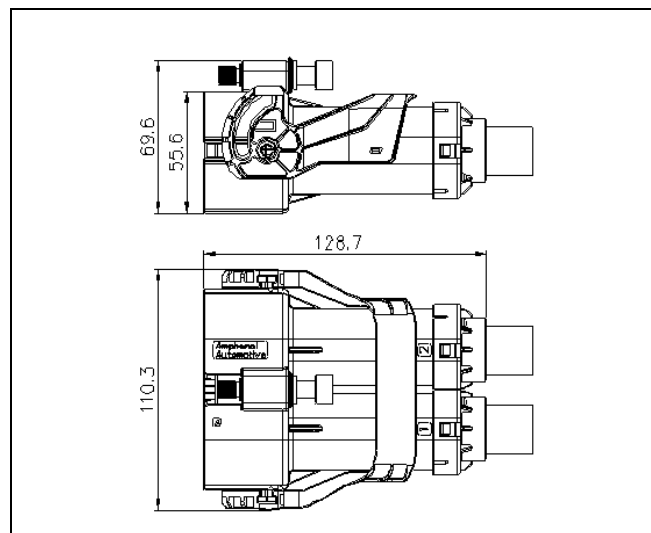
Standard:

- LV215

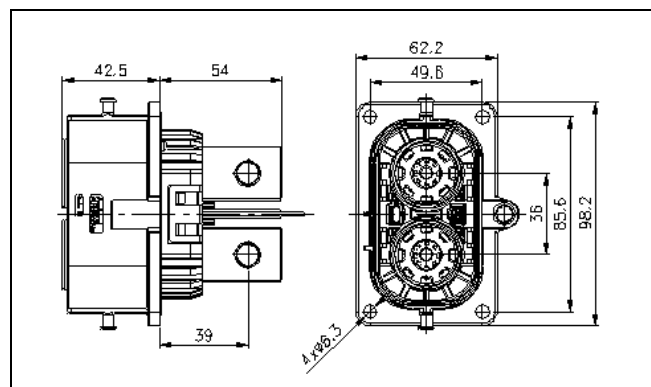


Dimensional characteristics:

Plug:



Socket (type1):



Performance characteristics:

- Unmating force : ≤ 100N
- Temperature range : -40°C to +140°C
- Max. rated voltage : 1000V DC
- Mating cycles : 50 min.
- Max. current : (85°C)
 - 95mm²=400A
 - 120mm²=450A

Construction:

- Housing material : Aluminum alloy
- Terminal material : Copper alloy
- RFI/EMI protection : Metal shielding