

### HVC 3.6mm 2孔连接器（插头—焊接版插座）

高电压,6/10mm<sup>2</sup> 屏蔽线缆,金属屏蔽,HVIL（高压互锁）

#### 产品型号:

- 插头  
HVC2PG36FSX06 (6 mm<sup>2</sup>, Ø6.0~6.5mm)  
HVC2PG36FSX10 (10 mm<sup>2</sup>, Ø8.2~8.8mm)
- 插座  
HVC2PG36MVX10-S01 (焊接)

“X”= 1/2/3/4, 对应CODE A/B/C/D

#### 对配设计:

- 自锁卡构
- CPA确认锁定结构

#### 端子规格:

- Ø3.6mm Radsok, 镀银
- 适配线缆规格: 6/10 mm<sup>2</sup>, 带屏蔽
- 高压互锁端子

#### 端子连接工艺:

- 插头大电流端子压接处理
- 高压互锁端子压接处理

#### 常规特性:

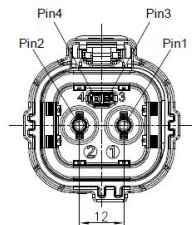
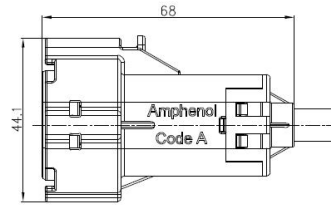
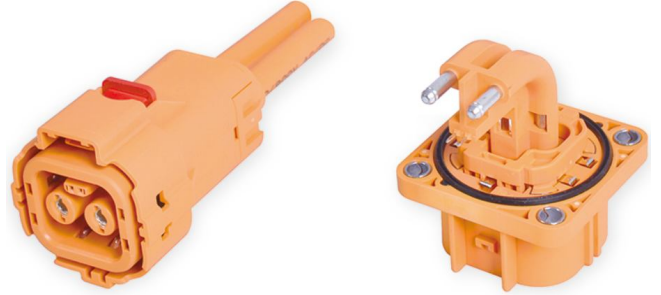
- IP67, IP6K9K (配合状态)
- IPXXB (未配合状态)
- 高压互锁
- 360° 屏蔽
- 防错CODE设计: 1/2/3/4

#### 性能参数:

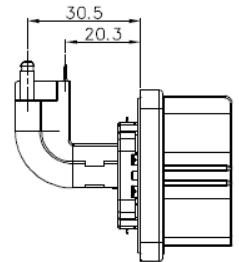
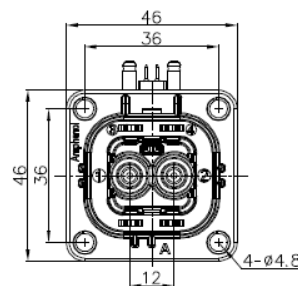
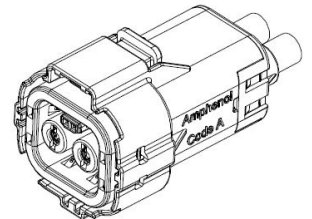
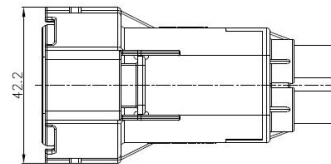
- 对配插拔力 ≤ 100N
- 温度区间: -40°C ~ +125°C
- 额定电压: 800V DC
- 最小配合次数: 50
- 额定电流(85°C):  
6mm<sup>2</sup>=55A  
10mm<sup>2</sup>=70A

#### 结构材质:

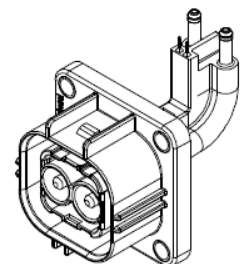
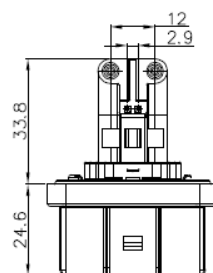
- 塑胶壳体材料: PA66-GF25, V-0, 橙色
- 端子材料: 铜合金, 镀镍镀银
- RFI/EMI防护: 金属屏蔽



#### 插头:



#### 插座:



### HVC 3.6mm 2 poles connector (Plug-Welding Socket)

High voltage, high current , 6/10mm<sup>2</sup> wire, metal shielded, HVIL

#### Part-No.:

- Plug  
HVC2PG36FSX06 (6 mm<sup>2</sup>, Ø6.0~6.5mm)  
HVC2PG36FSX10 (10 mm<sup>2</sup>, Ø8.2~8.8mm)

- Socket:  
HVC2PG36MVX10-S01 (Welding)

"X"= 1/2/3/4, indicates code A/B/C/D

#### Mating design:

- Self-locking structure
- Locking assurance by CPA

#### Terminal system:

- Ø3.6 mm Radsok, silver plated
- Wire size 6/10mm<sup>2</sup>, shielding
- HVIL contact system

#### Terminal technology:

- Crimping for power termination
- Crimping for HVIL termination

#### General:

- IP67, IP6K9K (mated)
- IPXXB (unmated)
- HVIL
- 360° shielding
- Code: 1/2/3/4

#### Performance characteristics:

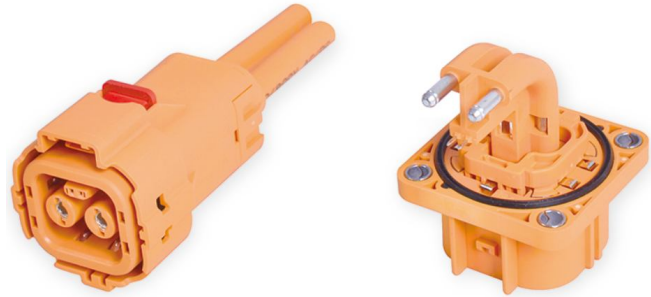
- Unmating force: ≤ 100N
- Temperature range: -40°C ~+125°C
- Rated voltage: 800V DC
- Mating cycles: 50 Min.
- Rated current(85°C):

6mm<sup>2</sup>=55A

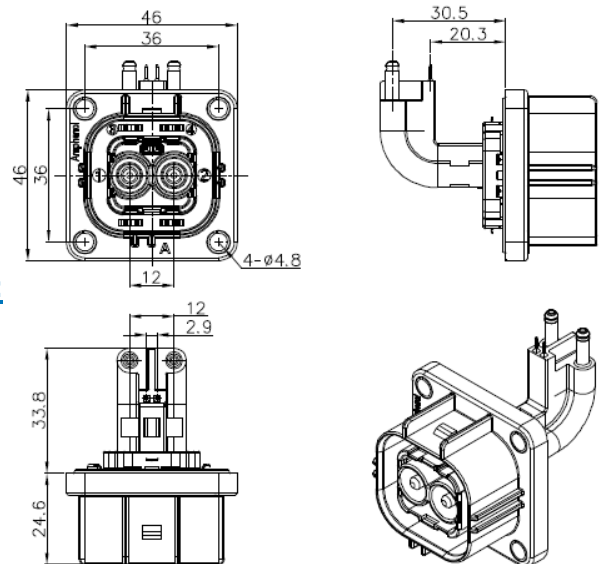
10mm<sup>2</sup>=70A

#### Construction:

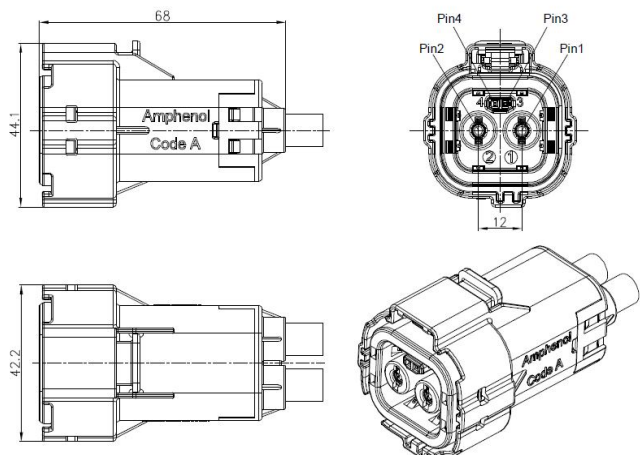
- Housing material: PA66-GF V0, orange
- Terminal material: Copper alloy
- RFI/EMI protection: Metal shielding



Socket:



Plug:



### HVC 3.6mm 2孔连接器（插头—插座）

高电压, 6/10mm<sup>2</sup> 屏蔽线缆, 金属屏蔽, HVIL(高压互锁)

#### 产品型号:

##### → 插头:

HVC2PG36FSX06 (6 mm<sup>2</sup>, Ø6.0~6.5mm)  
HVC2PG36FSX10 (10 mm<sup>2</sup>, Ø8.2~8.8mm)

##### → 插座:

HVC2PG36MVX06 (6 mm<sup>2</sup>, Ø4.6~5.0mm)  
HVC2PG36MVX10 (10 mm<sup>2</sup>, Ø5.9~6.5mm)

“X”= 1/2/3/4, 对应CODE A/B/C/D

#### 对配设计:

- 自锁卡构
- CPA确认锁定结构

#### 端子规格:

- Ø 3.6mm Radsok, 镀银
- 适配线缆规格: 6/10 mm<sup>2</sup>, 带屏蔽
- 高压互锁端子

#### 端子连接工艺:

- 插头大电流端子压接处理
- 高压互锁端子压接处理

#### 常规特性:

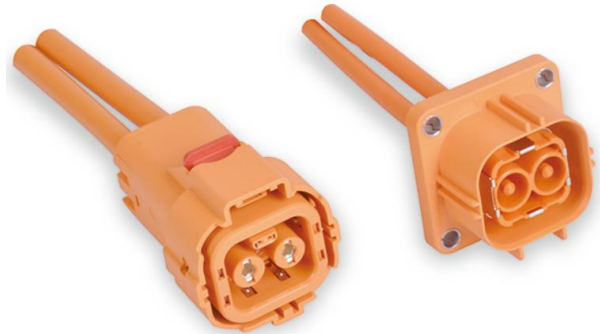
- IP67, IP6K9K (配合状态)
- IPXXB (未配合状态)
- 高压互锁
- 360° 屏蔽
- 防错设计CODE: 1/2/3/4

#### 性能参数:

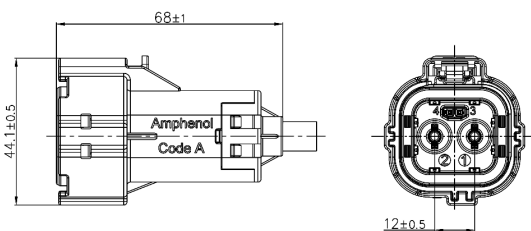
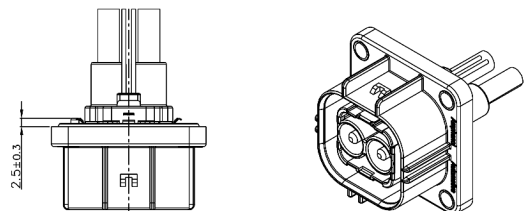
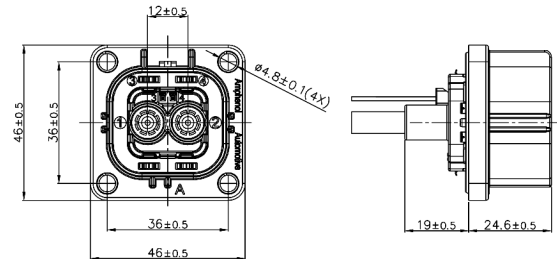
- 对配插拔力 ≤ 100N
- 温度区间: -40°C ~ +140°C
- 额定电压: 800V DC
- 配合次数: 50 Min.
- 额定电流(85°C):  
6mm<sup>2</sup>=55A  
10mm<sup>2</sup>=70A

#### 结构材质:

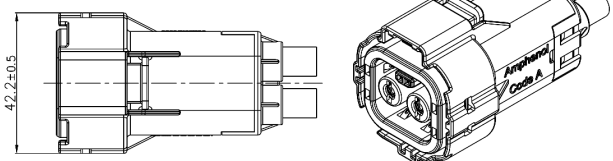
- 塑胶壳体材料: PA66-GF25, V-0, 橙色
- 端子材料: 铜合金, 镀镍镀银
- RFI/EMI防护: 金属屏蔽



插座:



插头:



### HVC 3.6mm 2 poles connector (180°)

High voltage, high current, 6/10mm<sup>2</sup> wire, metal shielded, HVIL

#### Part-No.:

- Plug  
HVC2PG36FSX06 (6 mm<sup>2</sup>, Ø6.0~6.5mm)  
HVC2PG36FSX10 (10 mm<sup>2</sup>, Ø8.2~8.8mm)
- Socket:  
HVC2PG36MVX06 (6 mm<sup>2</sup>, Ø4.6~5.0mm)  
HVC2PG36MVX10 (10 mm<sup>2</sup>, Ø5.9~6.5mm)

"X" = 1/2/3/4, indicates code A/B/C/D

#### Mating design:

- Locking assurance by CPA
- Operation with handle

#### Terminal system:

- Ø3.6 mm Radsok, silver plated
- Wire size 6/10mm<sup>2</sup>, shielding
- HVIL contact system

#### Terminal technology:

- Crimping for power termination
- Crimping for HVIL termination

#### General:

- IP67, IP6K9K (mated)
- IPXXB (unmated)
- HVIL
- 360° shielding
- Code: 1/2/3/4

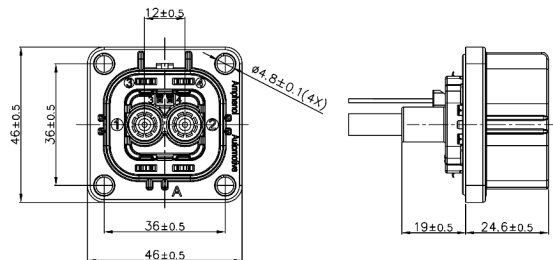
#### Performance characteristics:

- Unmating force: ≤ 100N
- Temperature range: -40°C ~ +140°C
- Rated voltage: 800V DC
- Mating cycles: 50 Min.
- Rated current(85°C):

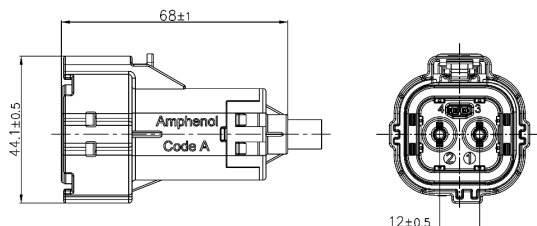
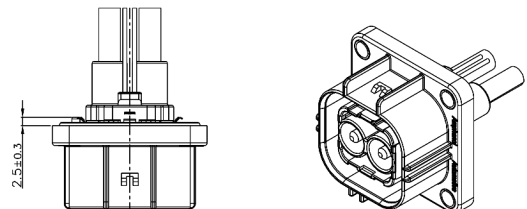
6mm<sup>2</sup>=55A  
10mm<sup>2</sup>=70A

#### Construction:

- Housing material: PA66-GF V0, orange
- Terminal material: Copper alloy
- RFI/EMI protection: Metal shielding



#### Socket:



#### Plug:

