

HVRC2P30 High Voltage Connector

High voltage, high current, 2.5/4/6mm² wire, Code 1/2/3

Part-No:

- Plug:
 - HVRC2P30FS X 02 (2.5 mm²:10.8~11.6mm)
 - HVRC2P30FS X 04 (4.0 mm²:12.3~13.0mm)
 - HVRC2P30FS X 06 (6.0 mm²:13.1~13.7mm)
 - Socket:
 - HVRC2P30MS X 02 (2.5 mm²:3.3~3.6mm)
 - HVRC2P30MS X 04 (4.0 mm²:4.0~4.4mm)
 - HVRC2P30MS X 06 (6.0 mm²:4.6~5.0mm)
- "X" indicates code 1/2/3

Mating design:

- Push-pull locking

Terminal system:

- HVIL contact system
- Crimping for termination
- Wire size 2.5/4/6mm²
- Terminal size: Ø 3mm, Ø 1mm,

General:

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

Standard:

- LV215

Performance characteristics:

- Unmating force: ≤ 100N
- Temperature range: -40°C~+140°C
- Max. rated voltage: 800V DC
- Mating cycles: 50 min.
- Max. current@85°C:
 - 2.5mm² = 16A
 - 4.0mm² = 40A
 - 6.0mm² = 55A

Construction:

- Plug housing material: PA66, UL94 V-0
- Socket housing material: Aluminium alloy
- Terminal material: Copper alloy
- Insulation material: PBT-GF, UL94 V-0

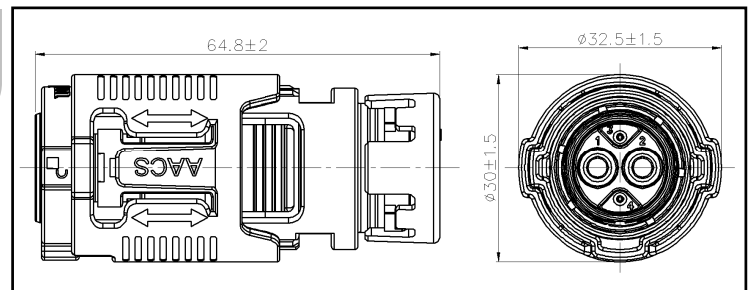
Connector interface:

- Coding: 1-code 1; 2-code 2; 3-code 3;



Dimensional characteristics:

Plug:



Socket:

