

# 光伏连接器

Solar Connector





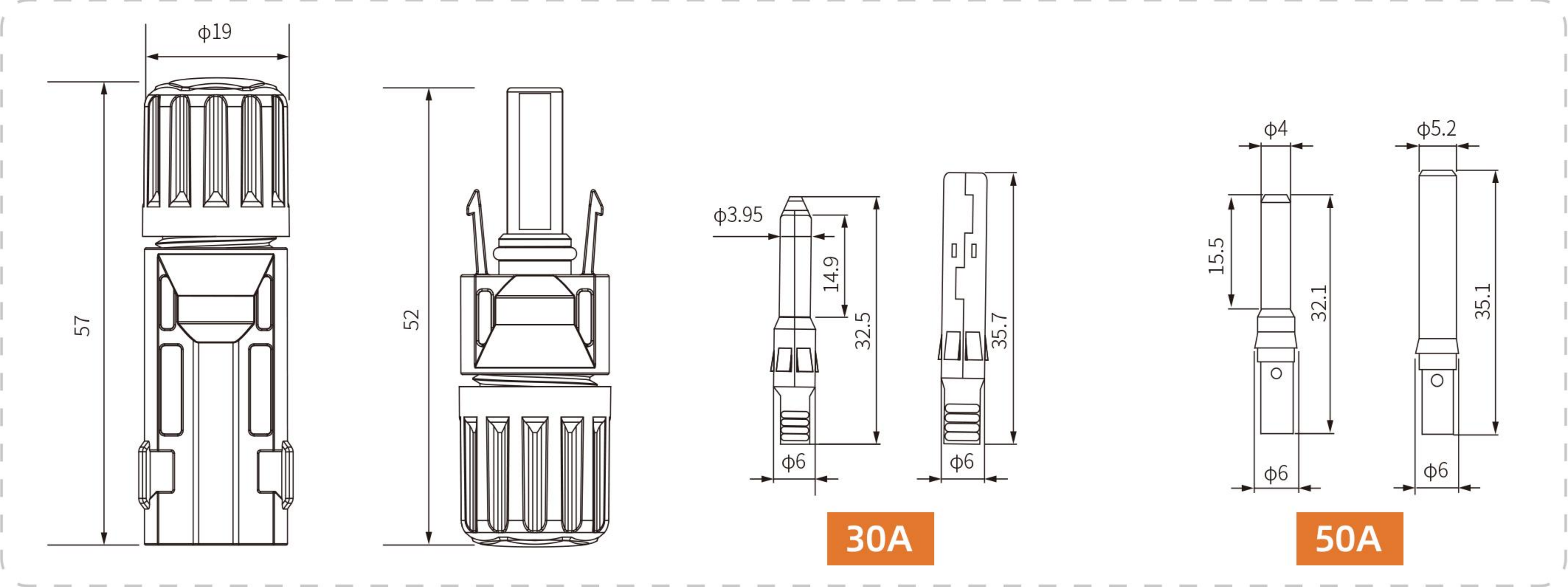




技术数据/Technical data

|                                                        |                                                                |
|--------------------------------------------------------|----------------------------------------------------------------|
| 连接器系统 /Connector system                                | Φ4mm                                                           |
| 额定电压 /Rated voltage                                    | 1000V DC(IEC) <sup>1</sup> 1000V/1000V DC(UL) <sup>1</sup>     |
| 额定电流 /Rated current                                    | 17A(1.5mm²)<br>22A(2.5mm²;14AWG)<br>30A(4mm²;6mm²;12AWG,10AWG) |
| 测试电压 /Test voltage                                     | 6kV(50HZ,1min.)                                                |
| 环境温度范围 /Ambient temperature range                      | -40° c...+90°C (IEC) -40°C ...+75°C (UL)                       |
| 上限温度 /Upper limiting temper ature                      | +105° C(IEC)                                                   |
| 保护等级，配接 /Degree of protection,mated                    | IP67                                                           |
| 未配对 /unmated                                           | IP2X                                                           |
| 插头连接器的耐受性 /Comtact resistanceof plug connectors        | 0.5mΩ                                                          |
| 安全等级 /Safetyclass                                      | II                                                             |
| 触头材料 /Contact material                                 | 铜合金，镀锡 /Messing,verzinnt Copper Alloy,tin plated               |
| 绝缘材料 /Insulation material                              | PC/PA                                                          |
| 锁定系统 /Locking system                                   | 管理单元 /Snap-in                                                  |
| 火焰等级 /Flame class                                      | UL94-V0                                                        |
| 盐雾试验，严重性等级 5/Salt mist spray test,degree of severity 5 | IEC 60068-2-52                                                 |

Dimensional drawing(mm)



MC4-01(1000V)

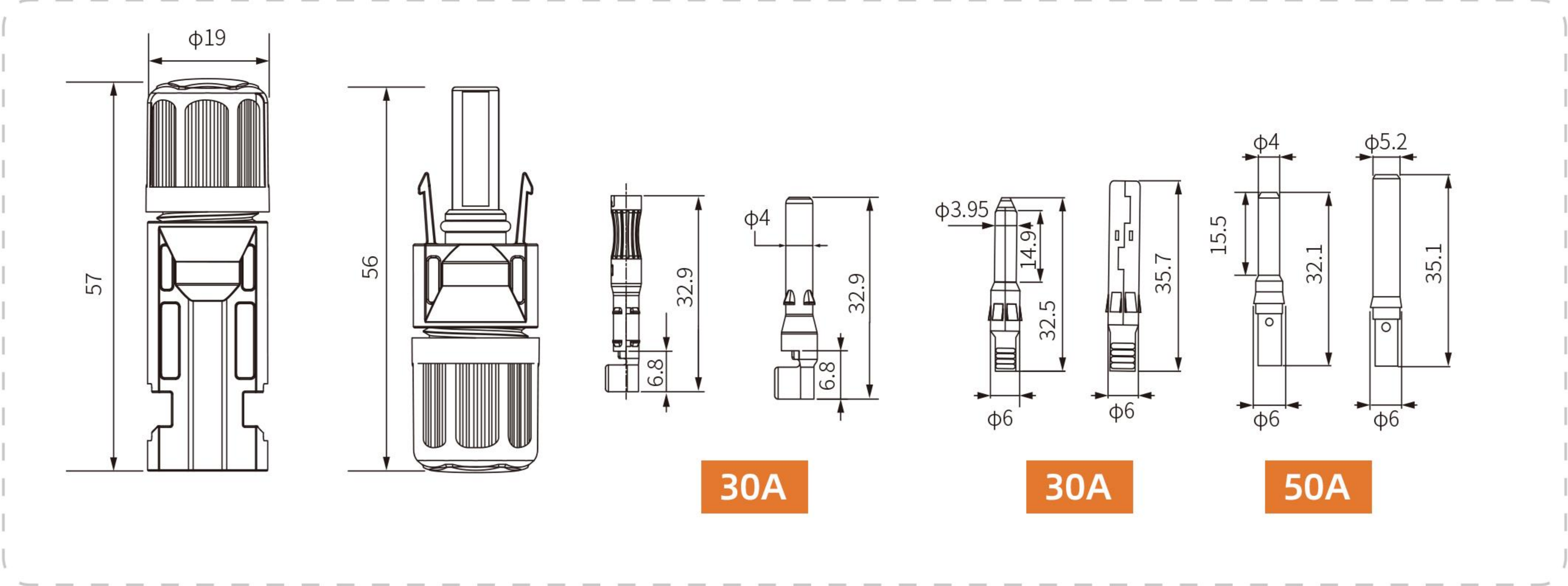




技术数据/Technical data

|                                                        |                                                                |
|--------------------------------------------------------|----------------------------------------------------------------|
| 连接器系统 /Connector system                                | Φ4mm                                                           |
| 额定电压 /Rated voltage                                    | 1000V DC(IEC) <sup>1</sup>                                     |
| 额定电流 /Rated current                                    | 17A(1.5mm²)<br>22A(2.5mm²;14AWG)<br>30A(4mm²;6mm²;12AWG,10AWG) |
| 测试电压 /Test voltage                                     | 6kV(50HZ,1min.)                                                |
| 环境温度范围 /Ambient temperature range                      | -40° c...+90°C (IEC) -40°C ...+75°C (UL)                       |
| 上限温度 /Upper limiting temper ature                      | +105° C(IEC)                                                   |
| 保护等级，配接 /Degree of protection,mated                    | IP67                                                           |
| 未配对 /unmated                                           | IP2X                                                           |
| 插头连接器的耐受性 /Comtact resistanceof plug connectors        | 0.5mΩ                                                          |
| 安全等级 /Safetyclass                                      | II                                                             |
| 触头材料 /Contact material                                 | 铜合金，镀锡 /Messing,verzinnt Copper Alloy,tin plated               |
| 绝缘材料 /Insulation material                              | PC/PPO                                                         |
| 锁定系统 /Locking system                                   | 管理单元 /Snap-in                                                  |
| 火焰等级 /Flame class                                      | UL94-V0                                                        |
| 盐雾试验，严重性等级 5/Salt mist spray test,degree of severity 5 | IEC 60068-2-52                                                 |

Dimensional drawing(mm)



MC4-02(1000V)

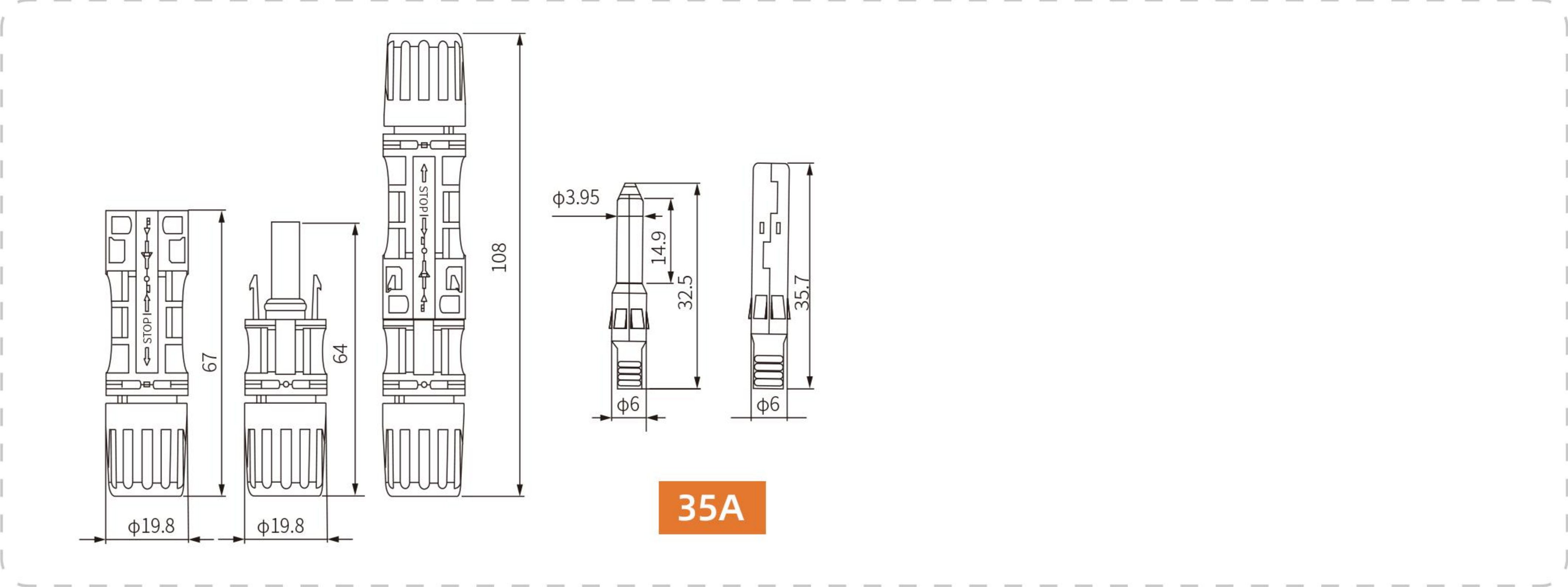




技术数据 / Technical data

|                                                        |                                                                      |
|--------------------------------------------------------|----------------------------------------------------------------------|
| 连接器系统 /Connector system                                | Φ4mm                                                                 |
| 额定电压 /Rated voltage                                    | 1500V DC(IEC) <sup>1</sup> 1000V/1500V DC(UL) <sup>1</sup>           |
| 额定电流 /Rated current                                    | 17A(1.5mm²)<br>22A(2.5mm²;14AWG)<br>35A(4mm²;6mm²;10mm²;12AWG,10AWG) |
| 测试电压 /Test voltage                                     | 6kV(50HZ,1min.)                                                      |
| 环境温度范围 /Ambient temperature range                      | -40° c...+90℃ (IEC) -40℃ ...+75℃ (UL)                                |
| 上限温度 /Upper limiting temper ature                      | +105° C(IEC)                                                         |
| 保护等级，配接 /Degree of protection,mated                    | IP67                                                                 |
| 未配对 /unmated                                           | IP2X                                                                 |
| 插头连接器的耐受性 /Comtact resistanceof plug connectors        | 0.5mΩ                                                                |
| 安全等级 /Safetyclass                                      | II                                                                   |
| 触头材料 /Contact material                                 | 铜合金，镀锡 /Messing,verzinnt Copper Alloy,tin plated                     |
| 绝缘材料 /Insulation material                              | PC/PV                                                                |
| 锁定系统 /Locking system                                   | 管理单元 /Snap-in                                                        |
| 火焰等级 /Flame class                                      | UL94-V0                                                              |
| 盐雾试验，严重性等级 5/Salt mist spray test,degree of severity 5 | IEC 60068-2-52                                                       |

Dimensional drawing(mm)



MC4-03(1500V)

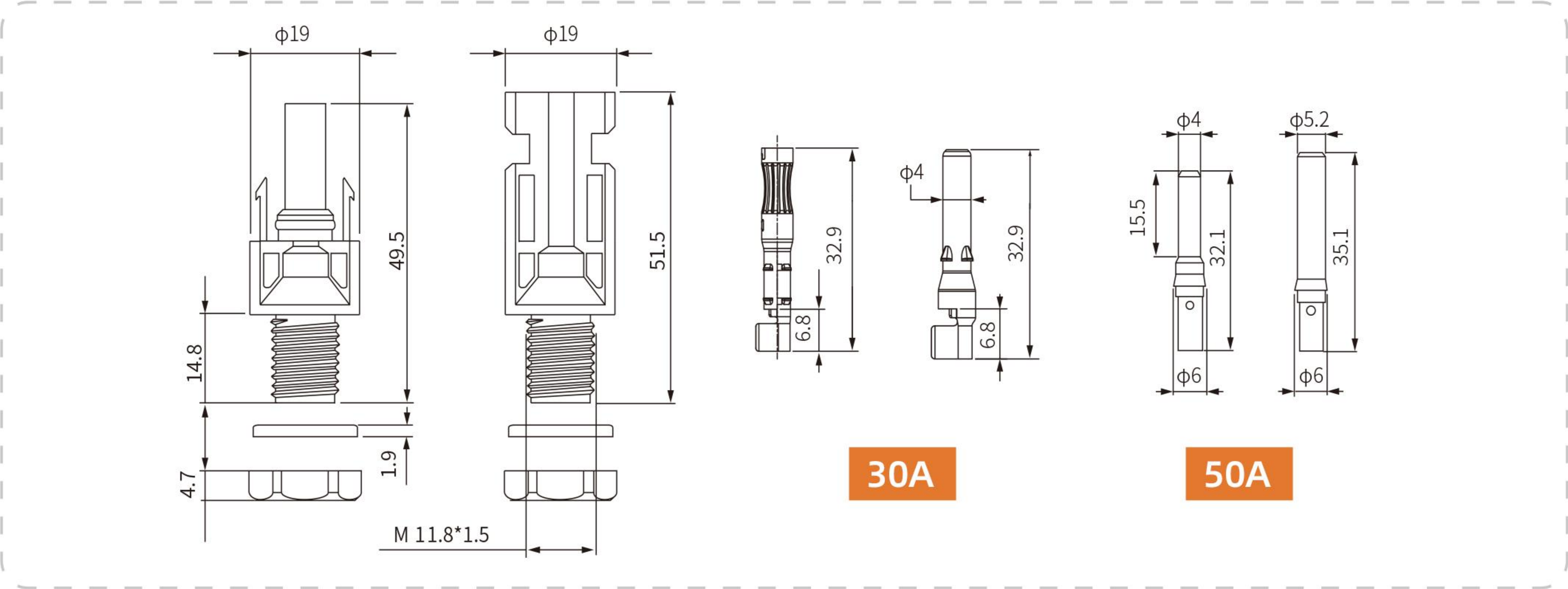




技术数据/Technical data

|                                                        |                                                                |
|--------------------------------------------------------|----------------------------------------------------------------|
| 连接器系统 /Connector system                                | Φ4mm                                                           |
| 额定电压 /Rated voltage                                    | 1000V DC(IEC) <sup>1</sup>                                     |
| 额定电流 /Rated current                                    | 17A(1.5mm²)<br>22A(2.5mm²;14AWG)<br>30A(4mm²;6mm²;12AWG,10AWG) |
| 测试电压 /Test voltage                                     | 6kV(50HZ,1min.)                                                |
| 环境温度范围 /Ambient temperature range                      | -40° c...+90°C (IEC) -40°C ...+75°C (UL)                       |
| 上限温度 /Upper limiting temper ature                      | +105° C(IEC)                                                   |
| 保护等级，配接 /Degree of protection,mated                    | IP67                                                           |
| 未配对 /unmated                                           | IP2X                                                           |
| 插头连接器的耐受性 /Comtact resistanceof plug connectors        | 0.5mΩ                                                          |
| 安全等级 /Safetyclass                                      | II                                                             |
| 触头材料 /Contact material                                 | 铜合金，镀锡 /Messing,verzinnt Copper Alloy,tin plated               |
| 绝缘材料 /Insulation material                              | PC/PPO                                                         |
| 锁定系统 /Locking system                                   | 管理单元 /Snap-in                                                  |
| 火焰等级 /Flame class                                      | UL94-V0                                                        |
| 盐雾试验，严重性等级 5/Salt mist spray test,degree of severity 5 | IEC 60068-2-52                                                 |

Dimensional drawing(mm)



■ -MC4-M01(1000V)

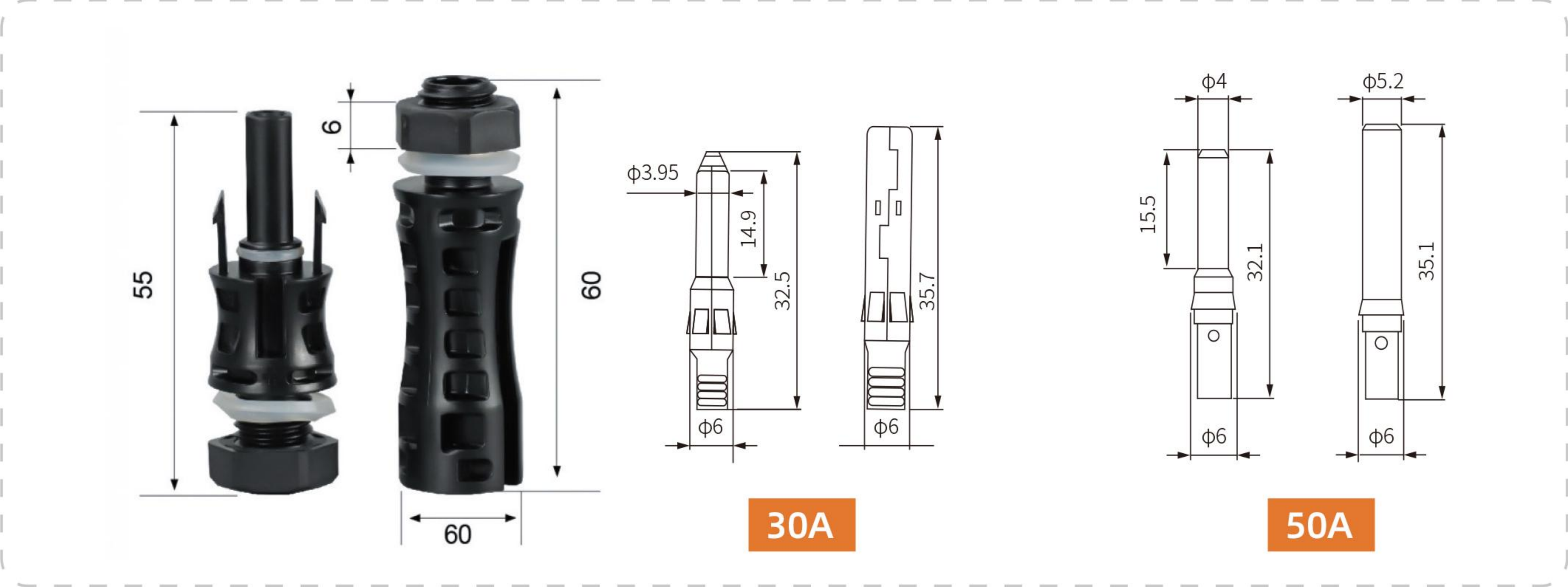




技术数据/Technical data

|                                                        |                                                                      |
|--------------------------------------------------------|----------------------------------------------------------------------|
| 连接器系统 /Connector system                                | Φ4mm                                                                 |
| 额定电压 /Rated voltage                                    | 1500V DC(IEC) <sup>1</sup> 1000V/1500V DC(UL) <sup>1</sup>           |
| 额定电流 /Rated current                                    | 17A(1.5mm²)<br>22A(2.5mm²;14AWG)<br>30A(4mm²;6mm²;10mm²;12AWG,10AWG) |
| 测试电压 /Test voltage                                     | 6kV(50HZ,1min.)                                                      |
| 环境温度范围 /Ambient temperature range                      | -40° c...+90°C (IEC) -40°C ...+75°C (UL)                             |
| 上限温度 /Upper limiting temper ature                      | +105° C(IEC)                                                         |
| 保护等级，配接 /Degree of protection,mated                    | IP67                                                                 |
| 未配对 /unmated                                           | IP2X                                                                 |
| 插头连接器的耐受性 /Comtact resistanceof plug connectors        | 0.5mΩ                                                                |
| 安全等级 /Safetyclass                                      | II                                                                   |
| 触头材料 /Contact material                                 | 铜合金，镀锡 /Messing,verzinnt Copper Alloy,tin plated                     |
| 绝缘材料 /Insulation material                              | PC/PV                                                                |
| 锁定系统 /Locking system                                   | 管理单元 /Snap-in                                                        |
| 火焰等级 /Flame class                                      | UL94-V0                                                              |
| 盐雾试验，严重性等级 5/Salt mist spray test,degree of severity 5 | IEC 60068-2-52                                                       |

Dimensional drawing(mm)



MC4-M02(1500V)

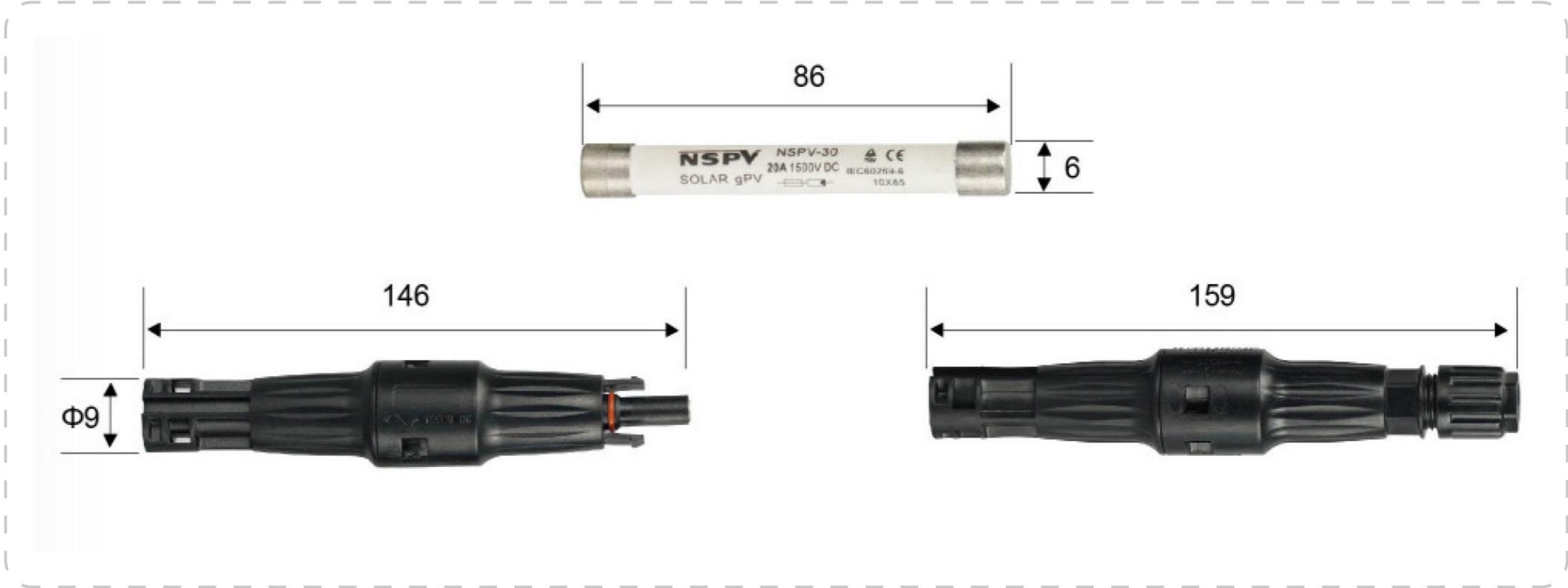




技术数据 / Technical data

|                                                        |                                                                |
|--------------------------------------------------------|----------------------------------------------------------------|
| 连接器系统 /Connector system                                | Φ4mm                                                           |
| 额定电压 /Rated voltage                                    | 1000V DC(IEC) <sup>1</sup> 1000V/1500V DC(UL) <sup>1</sup>     |
| 额定电流 /Rated current                                    | 17A(1.5mm²)<br>22A(2.5mm²;14AWG)<br>30A(4mm²;6mm²;12AWG,10AWG) |
| 测试电压 /Test voltage                                     | 6kV(50HZ,1min.)                                                |
| 环境温度范围 /Ambient temperature range                      | -40° c...+90°C (IEC) -40°C ...+75°C (UL)                       |
| 上限温度 /Upper limiting temper ature                      | +105° C(IEC)                                                   |
| 保护等级，配接 /Degree of protection,mated                    | IP67                                                           |
| 未配对 /unmated                                           | IP2X                                                           |
| 插头连接器的耐受性 /Comtact resistanceof plug connectors        | 0.5mΩ                                                          |
| 安全等级 /Safetyclass                                      | II                                                             |
| 触头材料 /Contact material                                 | 铜合金，镀锡 /Messing,verzinnt Copper Alloy,tin plated               |
| 绝缘材料 /Insulation material                              | PC/PPO                                                         |
| 锁定系统 /Locking system                                   | 管理单元 /Snap-in                                                  |
| 火焰等级 /Flame class                                      | UL94-V0                                                        |
| 盐雾试验，严重性等级 5/Salt mist spray test,degree of severity 5 | IEC 60068-2-52                                                 |

Dimensional drawing(mm)



■ -MC4-B01(1000V)

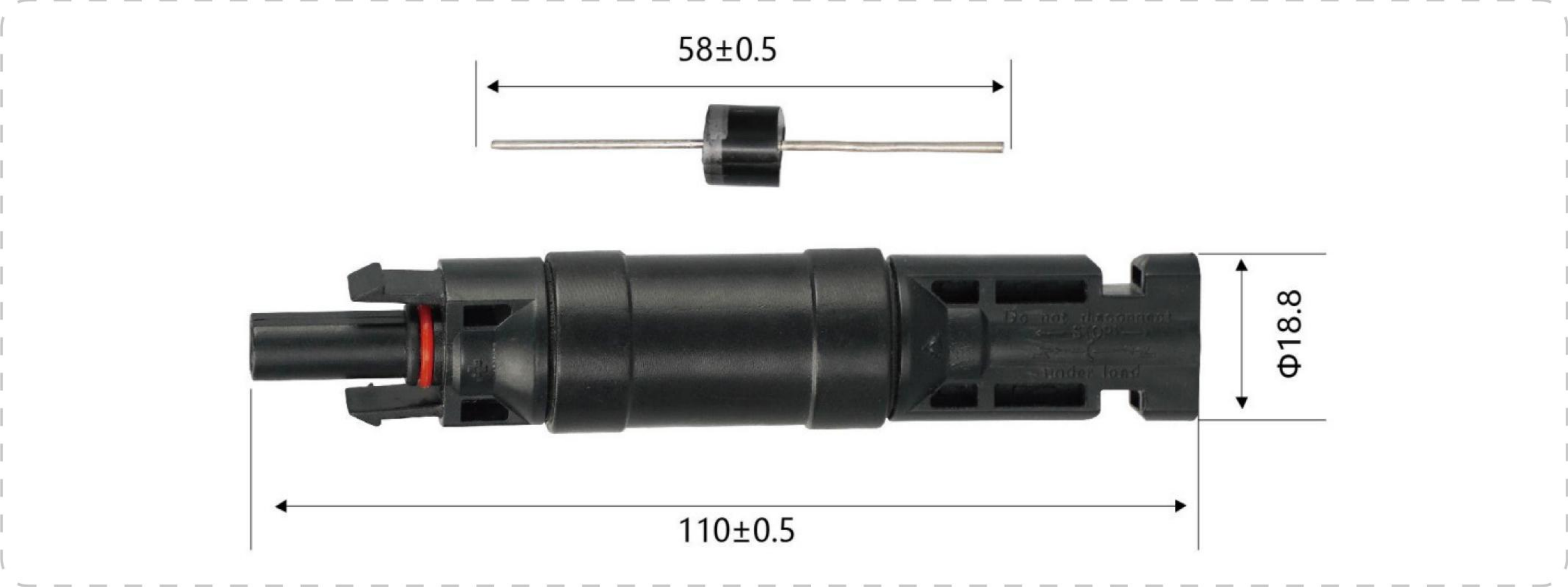




技术数据/Technical data

|                                                        |                                                  |
|--------------------------------------------------------|--------------------------------------------------|
| 连接器系统 /Connector system                                | Φ4mm                                             |
| 额定电压 /Rated voltage                                    | 1000V DC                                         |
| 额定电流 /Rated current                                    | 10A                                              |
|                                                        | 15A                                              |
|                                                        | 20A                                              |
| 测试电压 /Test voltage                                     | 6kV(50HZ,1min.)                                  |
| 环境温度范围 /Ambient temperature range                      | -40° c...+90℃ (IEC)                              |
| 上限温度 /Upper limiting temper ature                      | +105° C(IEC)                                     |
| 保护等级，配接 /Degree of protection,mated                    | IP67                                             |
| 未配对 /unmated                                           | IP2X                                             |
| 插头连接器的耐受性 /Comtact resistanceof plug connectors        | 0.5mΩ                                            |
| 安全等级 /Safetyclass                                      | II                                               |
| 触头材料 /Contact material                                 | 铜合金，镀锡 /Messing,verzinnt Copper Alloy,tin plated |
| 绝缘材料 /Insulation material                              | PC/PPO                                           |
| 锁定系统 /Locking system                                   | 管理单元 /Snap-in                                    |
| 火焰等级 /Flame class                                      | UL94-V0                                          |
| 盐雾试验，严重性等级 5/Salt mist spray test,degree of severity 5 | IEC 60068-2-52                                   |

Dimensional drawing(mm)



-MC4-B02





技术数据/Technical data

|                                                        |                                                  |
|--------------------------------------------------------|--------------------------------------------------|
| 连接器系统 /Connector system                                | Φ4mm                                             |
| 额定电压 /Rated voltage                                    | 1000V DC                                         |
| 额定电流 /Rated current                                    | 10A 15A<br>20A 30A                               |
| 测试电压 /Test voltage                                     | 6kV(50HZ,1min.)                                  |
| 环境温度范围 /Ambient temperature range                      | -40° c...+90°C (IEC)                             |
| 上限温度 /Upper limiting temper ature                      | +105° C(IEC)                                     |
| 保护等级，配接 /Degree of protection,mated                    | IP67                                             |
| 未配对 /unmated                                           | IP2X                                             |
| 插头连接器的耐受性 /Comtact resistanceof plug connectors        | 0.5mΩ                                            |
| 安全等级 /Safetyclass                                      | II                                               |
| 触头材料 /Contact material                                 | 铜合金，镀锡 /Messing,verzinnt Copper Alloy,tin plated |
| 绝缘材料 /Insulation material                              | PC/PPO                                           |
| 锁定系统 /Locking system                                   | 管理单元 /Snap-in                                    |
| 火焰等级 /Flame class                                      | UL94-V0                                          |
| 盐雾试验，严重性等级 5/Salt mist spray test,degree of severity 5 | IEC 60068-2-52                                   |

Dimensional drawing(mm)



MC4-B03

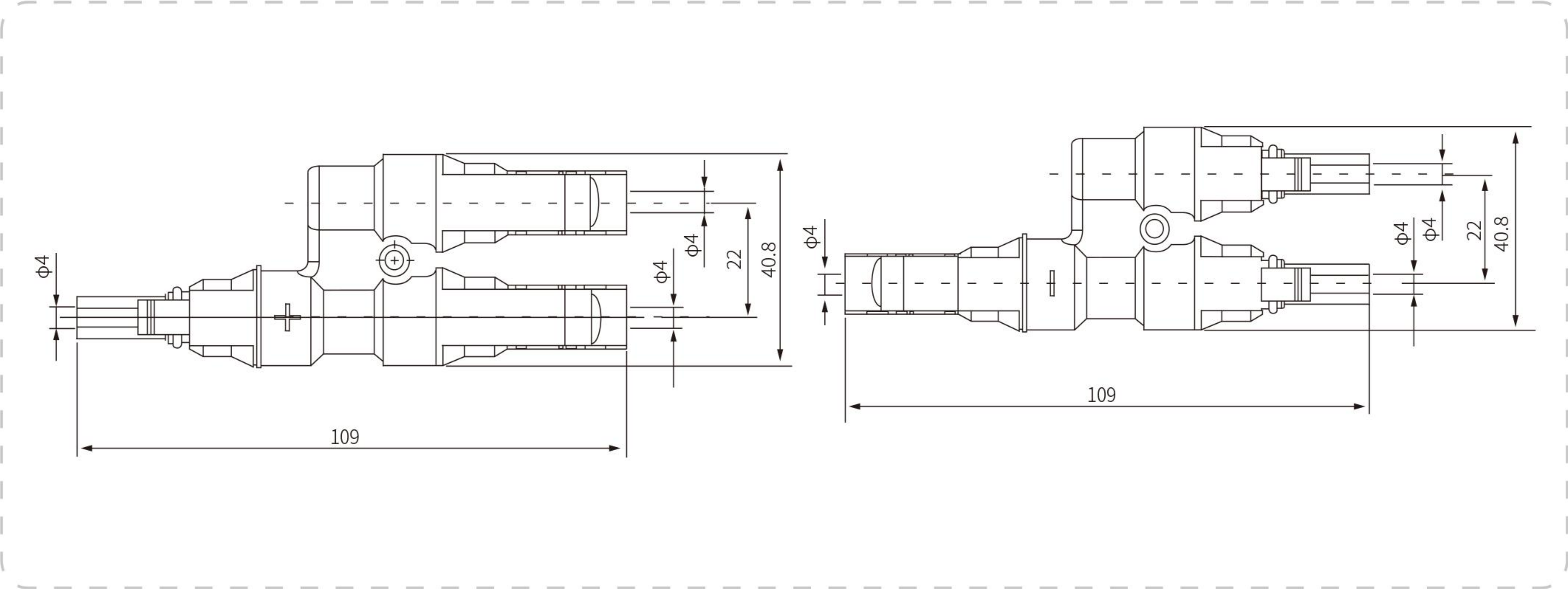




技术数据 / Technical data

|                                      |                           |
|--------------------------------------|---------------------------|
| 绝缘材料 /Insulation material            | PPO                       |
| 额触头材料 /Contact material              | 铜， 镀锡 /Copper, Tin plated |
| 适用电流 /Suitable Currentt              | 50A                       |
| 额定电流 /Rated current                  | 1000V (TUV) 600V (UL)     |
| 测试电压 /Test voltage                   | 6KV(TUV50HZ,1min)         |
| 接触电阻 /Contact Resistance             | < 0.5mΩ                   |
| 保护等级， 配接 /Degree of protection,mated | IP67                      |
| 环境温度范围 /Ambient temperature range    | -40℃ ~+85℃                |
| 安全等级 /Safetyclass                    | UL94-V0                   |
| 火焰等级 /Flame class                    | II                        |
| 引脚尺寸 /Pin Dimensions                 | Φ4mm                      |

Dimensional drawing(mm)



■ -MC4-T3

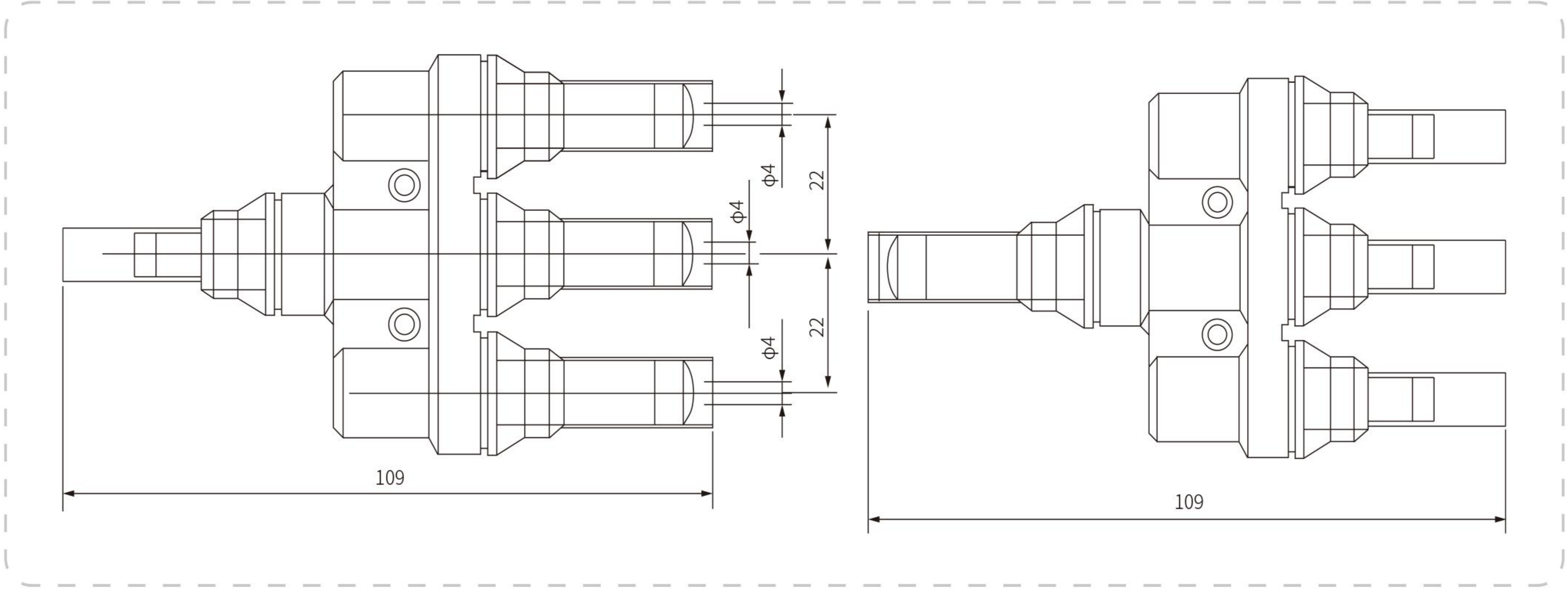




技术数据/Technical data

|                                      |                           |
|--------------------------------------|---------------------------|
| 绝缘材料 /Insulation material            | PPO                       |
| 额触头材料 /Contact material              | 铜， 镀锡 /Copper, Tin plated |
| 适用电流 /Suitable Currentt              | 50A                       |
| 额定电流 /Rated current                  | 1000V (TUV) 600V (UL)     |
| 测试电压 /Test voltage                   | 6KV(TUV50HZ,1min)         |
| 接触电阻 /Contact Resistance             | < 0.5mΩ                   |
| 保护等级， 配接 /Degree of protection,mated | IP67                      |
| 环境温度范围 /Ambient temperature range    | -40℃ ~+85℃                |
| 安全等级 /Safetyclass                    | UL94-V0                   |
| 火焰等级 /Flame class                    | II                        |
| 引脚尺寸 /Pin Dimensions                 | Φ4mm                      |

Dimensional drawing(mm)



MC4-T4

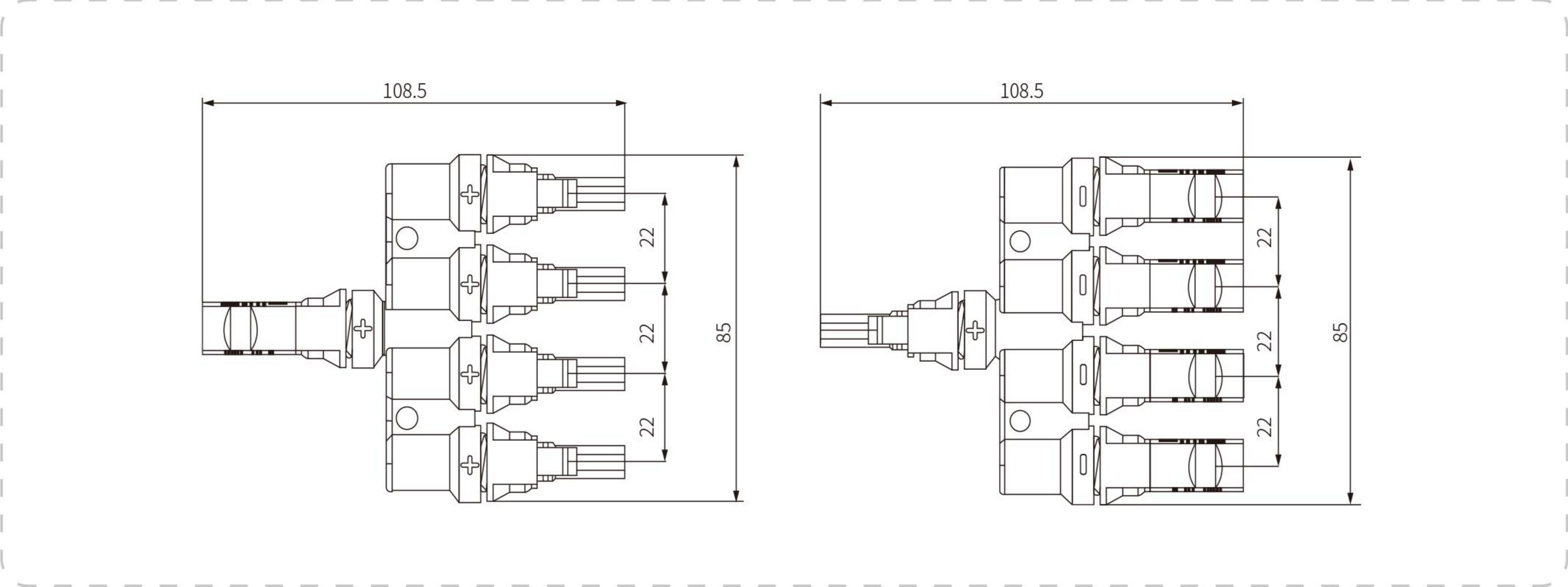




技术数据/Technical data

|                                      |                           |
|--------------------------------------|---------------------------|
| 绝缘材料 /Insulation material            | PPO                       |
| 额触头材料 /Contact material              | 铜， 镀锡 /Copper, Tin plated |
| 适用电流 /Suitable Currentt              | 30A                       |
| 额定电流 /Rated current                  | 1000V (TUV) 600V (UL)     |
| 测试电压 /Test voltage                   | 6KV(TUV50HZ,1min)         |
| 接触电阻 /Contact Resistance             | < 0.5mΩ                   |
| 保护等级， 配接 /Degree of protection,mated | IP67                      |
| 环境温度范围 /Ambient temperature range    | -40℃ ~+85℃                |
| 安全等级 /Safetyclass                    | UL94-V0                   |
| 火焰等级 /Flame class                    | II                        |
| 引脚尺寸 /Pin Dimensions                 | Φ4mm                      |

Dimensional drawing(mm)



-MC4-T5

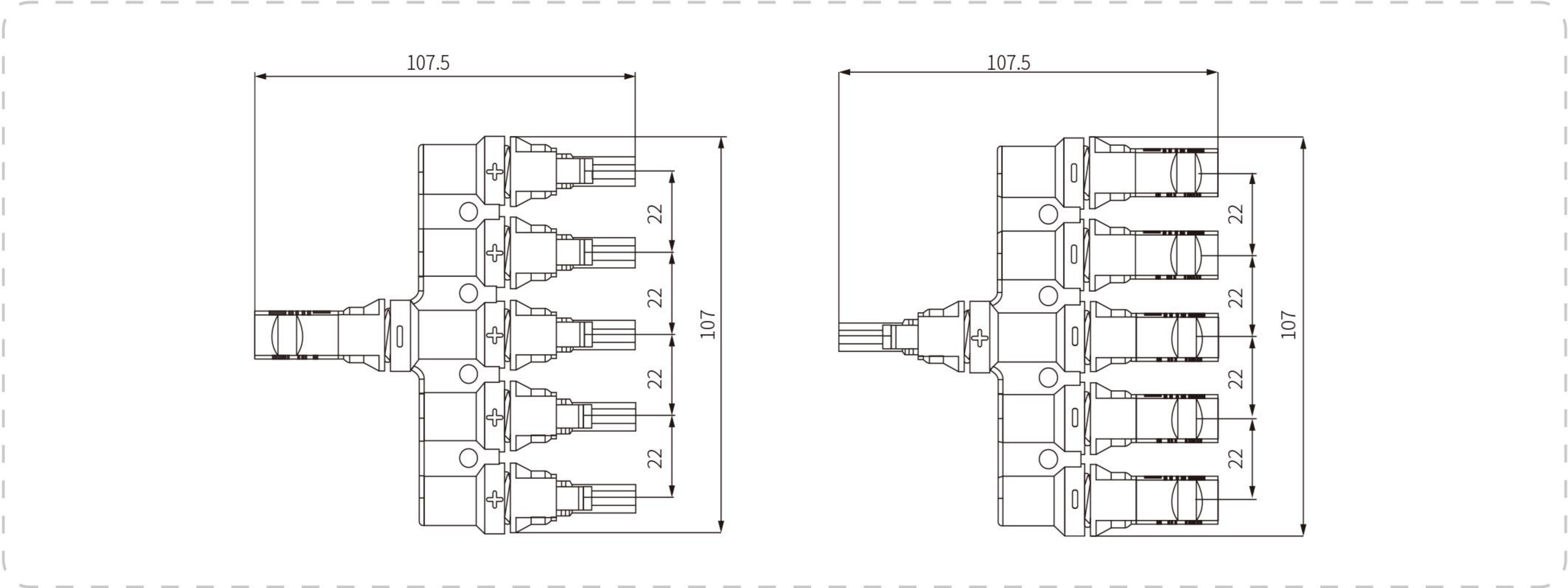




技术数据/Technical data

|                                      |                           |
|--------------------------------------|---------------------------|
| 绝缘材料 /Insulation material            | PPO                       |
| 额触头材料 /Contact material              | 铜， 镀锡 /Copper, Tin plated |
| 适用电流 /Suitable Currentt              | 30A                       |
| 额定电流 /Rated current                  | 1000V (TUV) 600V (UL)     |
| 测试电压 /Test voltage                   | 6KV(TUV50HZ,1min)         |
| 接触电阻 /Contact Resistance             | < 0.5mΩ                   |
| 保护等级， 配接 /Degree of protection,mated | IP67                      |
| 环境温度范围 /Ambient temperature range    | -40℃ ~+85℃                |
| 安全等级 /Safetyclass                    | UL94-V0                   |
| 火焰等级 /Flame class                    | II                        |
| 引脚尺寸 /Pin Dimensions                 | Φ4mm                      |

Dimensional drawing(mm)



MC4-T6

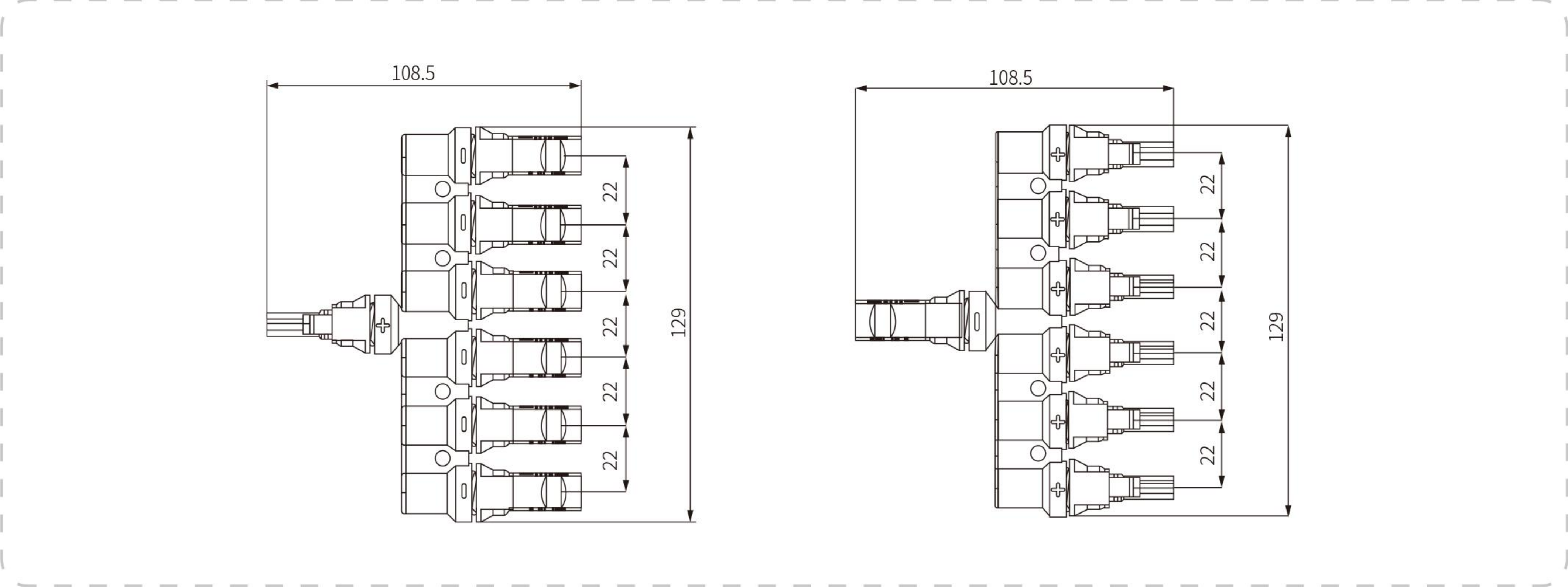




技术数据 / Technical data

|                                      |                           |
|--------------------------------------|---------------------------|
| 绝缘材料 /Insulation material            | PPO                       |
| 额触头材料 /Contact material              | 铜， 镀锡 /Copper, Tin plated |
| 适用电流 /Suitable Currentt              | 50A                       |
| 额定电流 /Rated current                  | 1000V (TUV) 600V (UL)     |
| 测试电压 /Test voltage                   | 6KV(TUV50HZ,1min)         |
| 接触电阻 /Contact Resistance             | < 0.5mΩ                   |
| 保护等级， 配接 /Degree of protection,mated | IP67                      |
| 环境温度范围 /Ambient temperature range    | -40℃ ~+85℃                |
| 安全等级 /Safetyclass                    | UL94-V0                   |
| 火焰等级 /Flame class                    | II                        |
| 引脚尺寸 /Pin Dimensions                 | Φ4mm                      |

Dimensional drawing(mm)



■ -MC4-T7

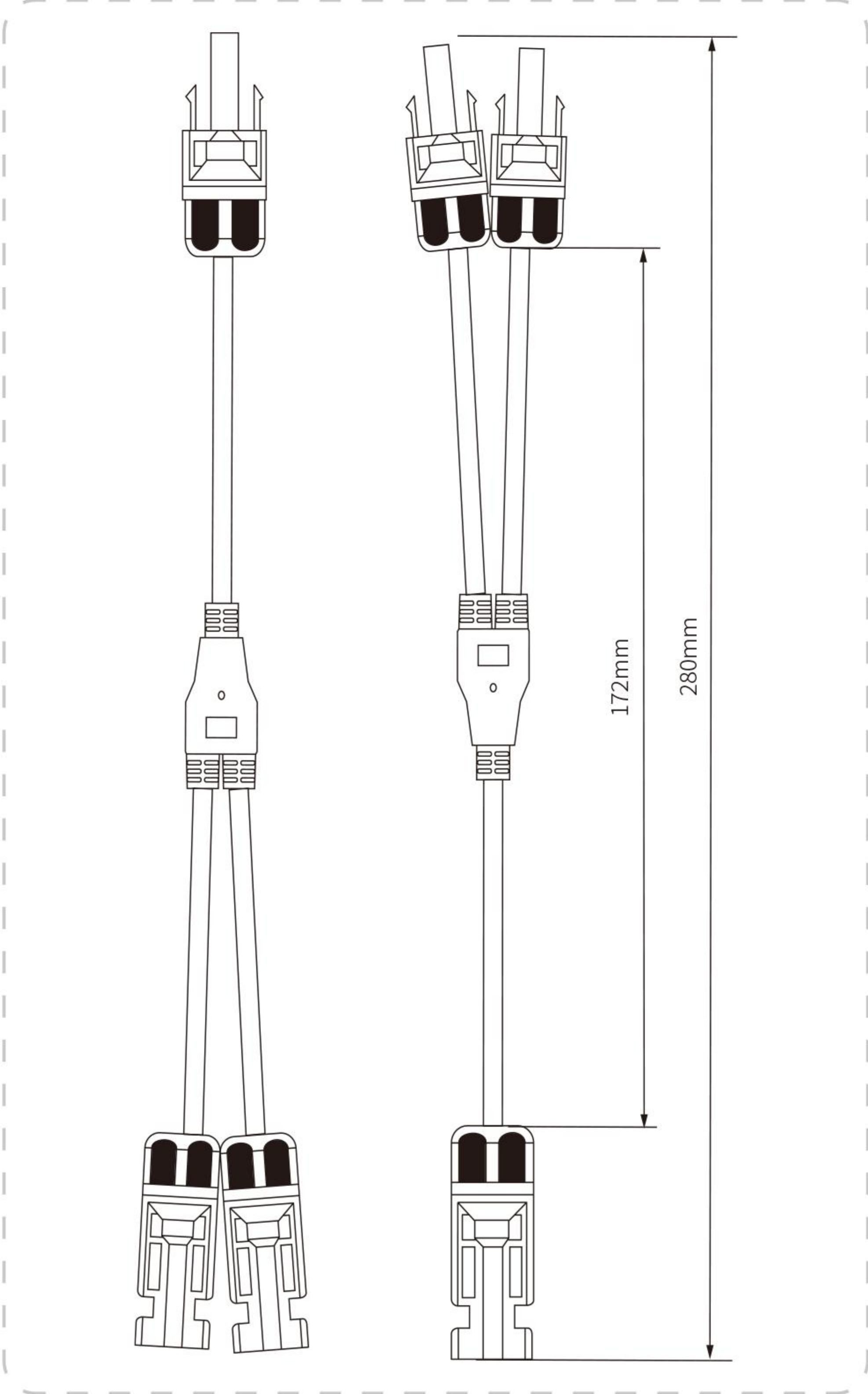




技术数据/Technical data

|                                                        |                                                  |
|--------------------------------------------------------|--------------------------------------------------|
| 连接器系统 /Connector system                                | Φ4mm                                             |
| 额定电压 /Rated voltage                                    | 1000V DC(IEC) <sup>1</sup>                       |
| 额定电流 /Rated current                                    | 30A                                              |
| 测试电压 /Test voltage                                     | 6kV(50HZ,1min.)                                  |
| 环境温度范围 /Ambient temperature range                      | -40° C...+90°C (IEC) -40°C ...+75°C (UL)         |
| 上限温度 /Upper limiting temper ature                      | +105° C(IEC)                                     |
| 保护等级，配接 /Degree of protection,mated                    | IP67                                             |
| 未配对 /unmated                                           | IP2X                                             |
| 插头连接器的耐受性 /Comtact resistanceof plug connectors        | 0.5mΩ                                            |
| 安全等级 /Safetyclass                                      | II                                               |
| 触头材料 /Contact material                                 | 铜合金，镀锡 /Messing,verzinnt Copper Alloy,tin plated |
| 绝缘材料 /Insulation material                              | PC/PA                                            |
| 锁定系统 /Locking system                                   | 管理单元 /Snap-in                                    |
| 火焰等级 /Flame class                                      | UL94-V0                                          |
| 盐雾试验，严重性等级 5/Salt mist spray test,degree of severity 5 | IEC 60068-2-52                                   |

Dimensional drawing(mm)



■ -MC4-Y3

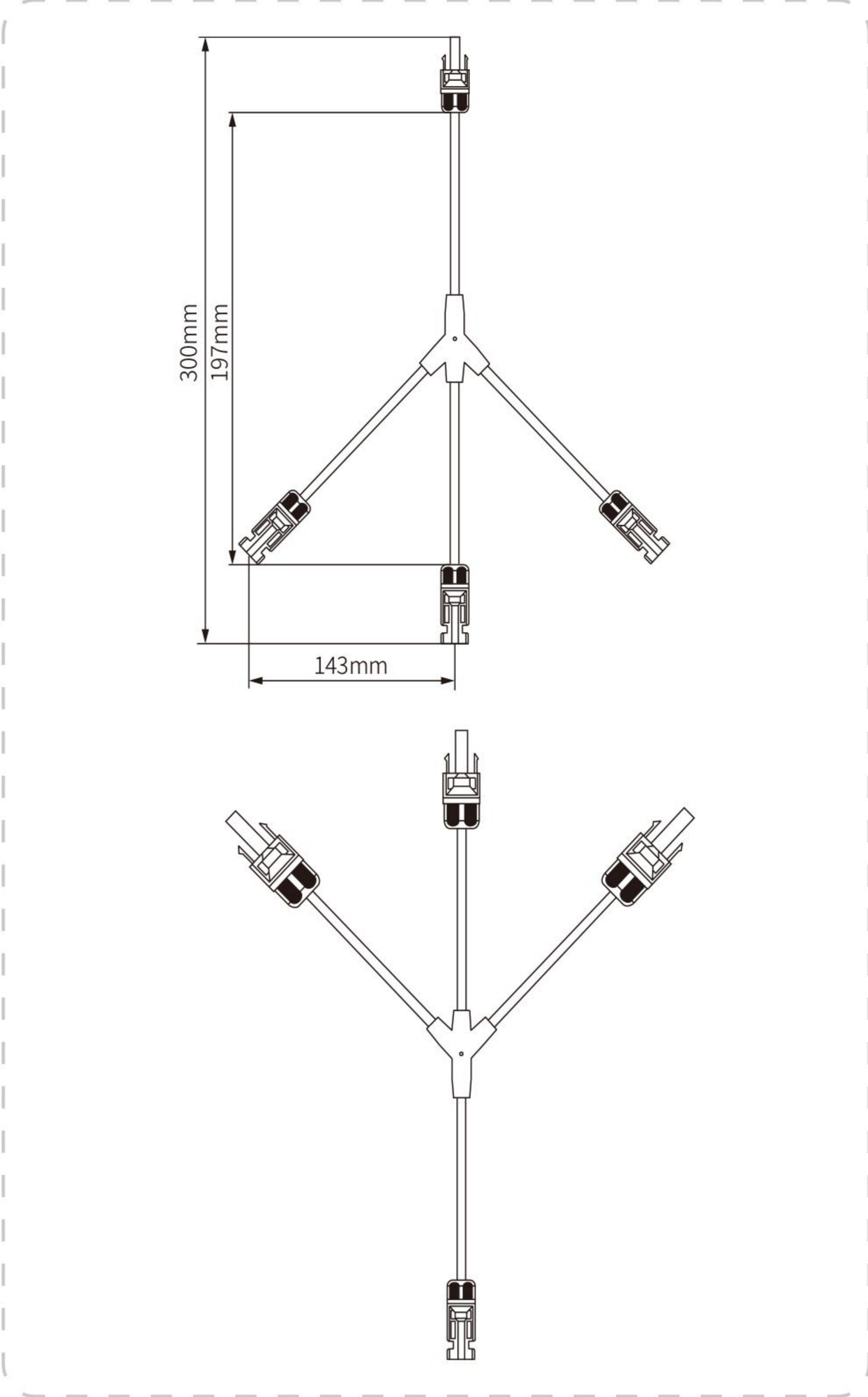




技术数据/Technical data

|                                                        |                                                  |
|--------------------------------------------------------|--------------------------------------------------|
| 连接器系统 /Connector system                                | Φ4mm                                             |
| 额定电压 /Rated voltage                                    | 1000V DC(IEC) <sup>1</sup>                       |
| 额定电流 /Rated current                                    | 30A                                              |
| 测试电压 /Test voltage                                     | 6kV(50HZ,1min.)                                  |
| 环境温度范围 /Ambient temperature range                      | -40° c...+90°C (IEC) -40°C ...+75°C (UL)         |
| 上限温度 /Upper limiting temper ature                      | +105° C(IEC)                                     |
| 保护等级，配接 /Degree of protection,mated                    | IP67                                             |
| 未配对 /unmated                                           | IP2X                                             |
| 插头连接器的耐受性 /Comtact resistanceof plug connectors        | 0.5mΩ                                            |
| 安全等级 /Safetyclass                                      | II                                               |
| 触头材料 /Contact material                                 | 铜合金，镀锡 /Messing,verzinnt Copper Alloy,tin plated |
| 绝缘材料 /Insulation material                              | PC/PA                                            |
| 锁定系统 /Locking system                                   | 管理单元 /Snap-in                                    |
| 火焰等级 /Flame class                                      | UL94-V0                                          |
| 盐雾试验，严重性等级 5/Salt mist spray test,degree of severity 5 | IEC 60068-2-52                                   |

Dimensional drawing(mm)



MC4-Y4

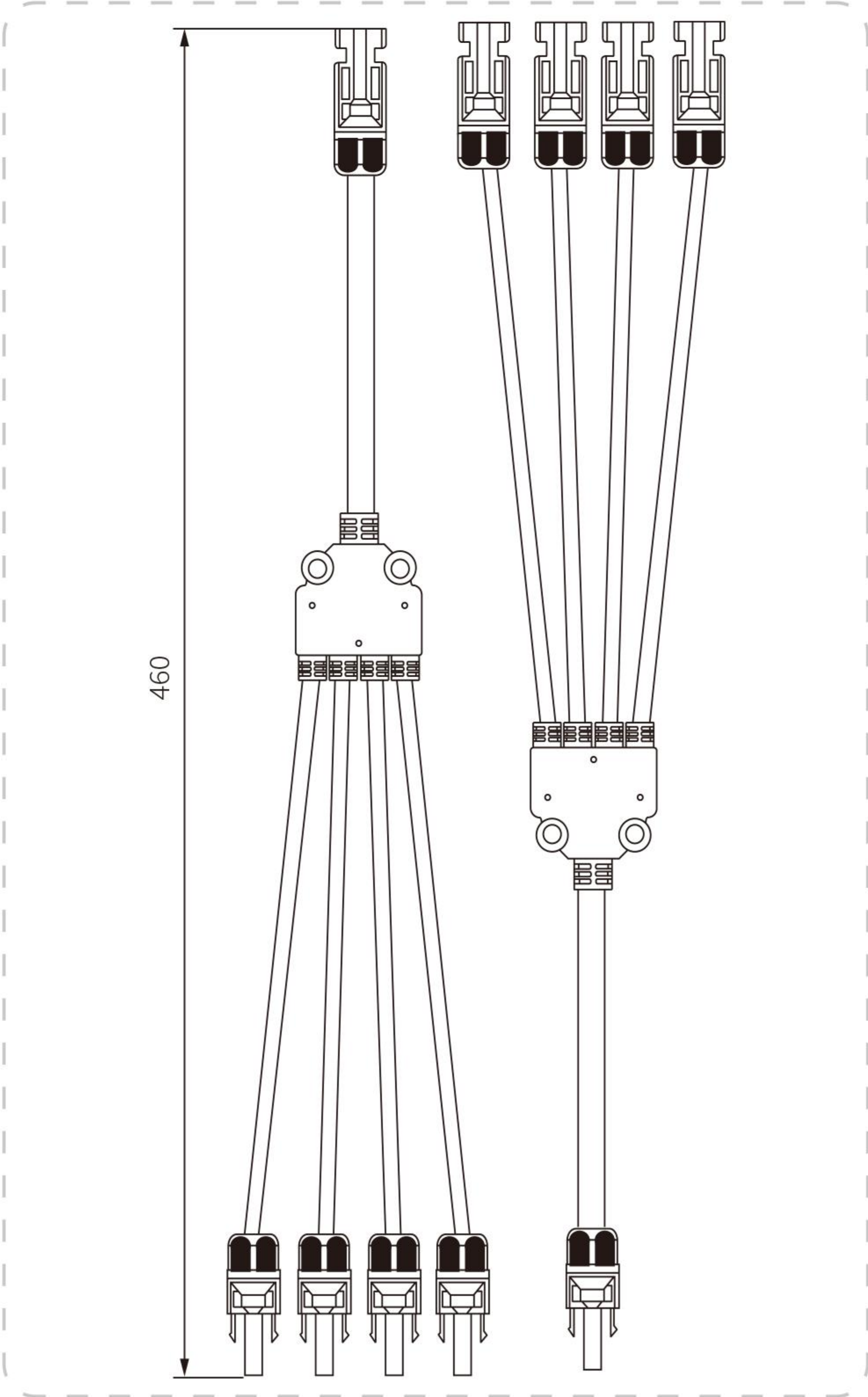




技术数据/Technical data

|                                                        |                                                  |
|--------------------------------------------------------|--------------------------------------------------|
| 连接器系统 /Connector system                                | Φ4mm                                             |
| 额定电压 /Rated voltage                                    | 1000V DC(IEC) <sup>1</sup>                       |
| 额定电流 /Rated current                                    | 30A                                              |
| 测试电压 /Test voltage                                     | 6kV(50HZ,1min.)                                  |
| 环境温度范围 /Ambient temperature range                      | -40° c...+90°C (IEC) -40°C ...+75°C (UL)         |
| 上限温度 /Upper limiting temper ature                      | +105° C(IEC)                                     |
| 保护等级，配接 /Degree of protection,mated                    | IP67                                             |
| 未配对 /unmated                                           | IP2X                                             |
| 插头连接器的耐受性 /Comtact resistanceof plug connectors        | 0.5mΩ                                            |
| 安全等级 /Safetyclass                                      | II                                               |
| 触头材料 /Contact material                                 | 铜合金，镀锡 /Messing,verzinnt Copper Alloy,tin plated |
| 绝缘材料 /Insulation material                              | PC/PA                                            |
| 锁定系统 /Locking system                                   | 管理单元 /Snap-in                                    |
| 火焰等级 /Flame class                                      | UL94-V0                                          |
| 盐雾试验，严重性等级 5/Salt mist spray test,degree of severity 5 | IEC 60068-2-52                                   |

Dimensional drawing(mm)



■ -MC4-Y5

