



RenhotecPRO.com
Professional Cable & Connector Manufacturer

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Renhotecpro.com is a department of Renhotec Group Ltd focus on professional connectors, cable assemblies for harsh environment, especial for Industrial or Military use. Our goals is to provide high performance connectors and cables with reliable quality and reasonable price.



WE MAKE
CONNECTION
EASIER

MC4 SERIES

SOLAR CONNECTOR

PRODUCT PRESENTATION

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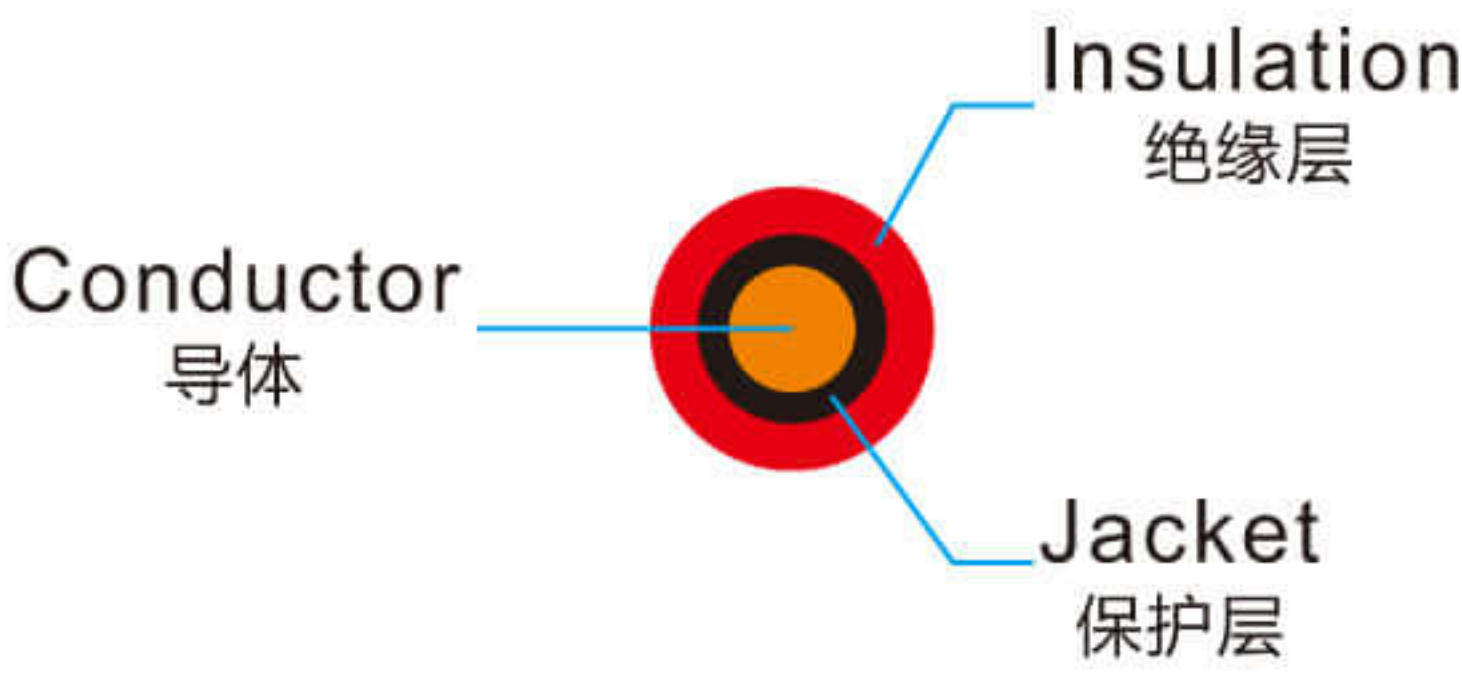
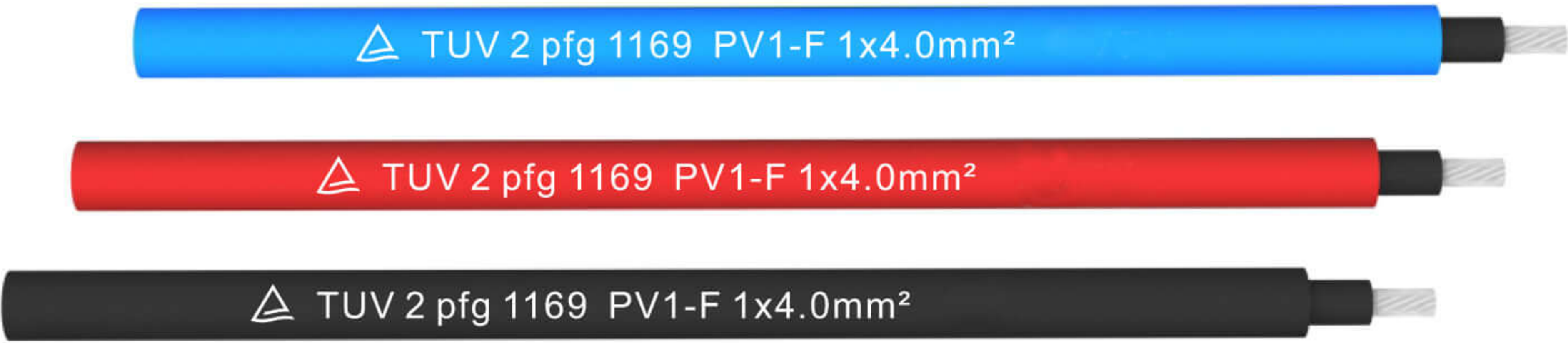
Tools & Others / 工具&其它

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All products

所有产品

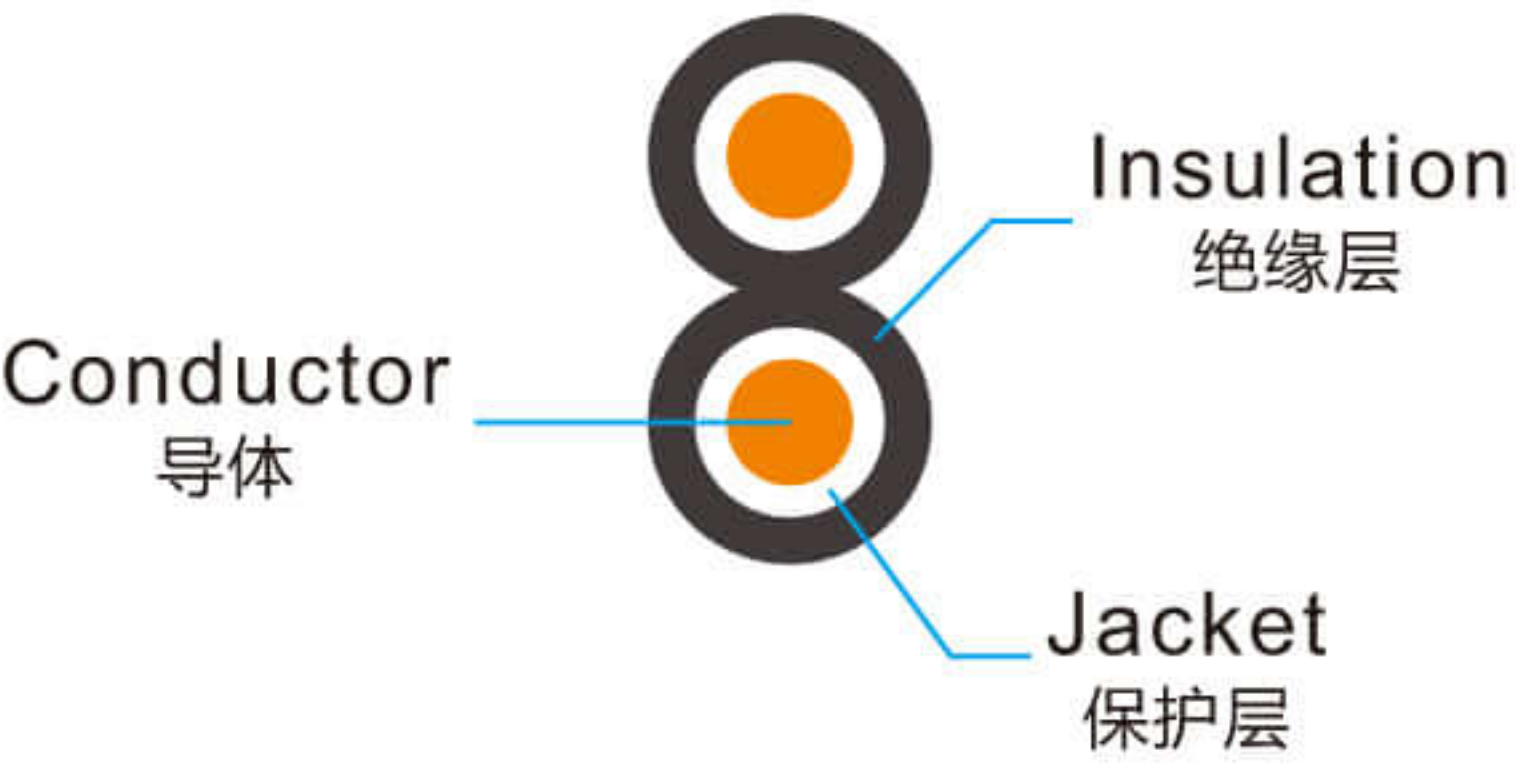
39-43



Type 型号	Cross section 截面积	Strand design 线芯结构	Conductor diameter 导体直径	Outer diameter 外径	Conductor resistance 导线电阻	Rated voltage 额定电压	Rated current 额定电流
	mm ²	No. x (mm)	mm	mm	Ω/Km	VAC/DC	A
PV-1x1.5mm ²	1.5	30xØ0.25	1.58	5.20	13.7	1000/1800	20A
PV-1x2.5mm ²	2.5	49xØ0.25	2.05	5.40	8.21	1000/1800	30A
PV-1x4.0mm ²	4.0	56xØ0.30	2.59	6.20	5.09	1000/1800	50A
PV-1x6.0mm ²	6.0	84xØ0.30	3.42	7.00	3.39	1000/1800	70A
PV-1x10mm ²	10.0	84xØ0.40	4.56	9.00	1.95	1000/1800	95A
PV-1x16mm ²	16.0	128xØ0.40	5.60	10.30	1.24	1000/1800	105A
PV-1x25mm ²	25.0	192xØ0.40	7.25	12.20	0.795	1000/1800	140A
PV-1x35mm ²	35.0	276xØ0.40	8.74	13.80	0.565	1000/1800	170A

MAIN SPECIALITY / 主要特性

- >> Insulation material : XLPE
绝缘材料：XLPE
- >> Double insulation jackets, all-weather adaptability: resistance to UV, oil fat, oxygen and ozone
双绝缘外套，气候适应性：耐紫外线，油脂，氧气和臭氧
- >> Halogen-free, inflaming retarding, low toxic material
无卤素，阻燃，低有害物质
- >> Good abrasion resistance, excellent softness and stripping performance
良好的耐磨性，优良的柔软性和剥离性能
- >> High current carrying capacity
大电流承载能力



Type 型号	Cross section 截面积	Strand design 线芯结构	Conductor diameter 导体直径	Outer diameter 外径	Conductor resistance 导线电阻	Rated voltage 额定电压	Rated current 额定电流
	mm²	No. x (mm)	mm	mm	Ω/Km	VAC/DC	A
PV-2x1.5mm²	1.5	30x Ø0.25	1.58	5.20	13.7	1000/1800	20A
PV-2x2.5mm²	2.5	49x Ø0.25	2.05	5.40	8.21	1000/1800	30A
PV-2x4.0mm²	4.0	56x Ø0.30	2.59	6.20	5.09	1000/1800	50A
PV-2x6.0mm²	6.0	84x Ø0.30	3.42	7.00	3.39	1000/1800	70A
PV-2x10mm²	10.0	84x Ø0.40	4.56	9.00	1.95	1000/1800	95A
PV-2x16mm²	16.0	128x Ø0.40	5.60	10.30	1.24	1000/1800	105A
PV-2x25mm²	25.0	192x Ø0.40	7.25	12.20	0.795	1000/1800	140A
PV-2x35mm²	35.0	276x Ø0.40	8.74	13.80	0.565	1000/1800	170A

MAIN SPECIALITY / 主要特性

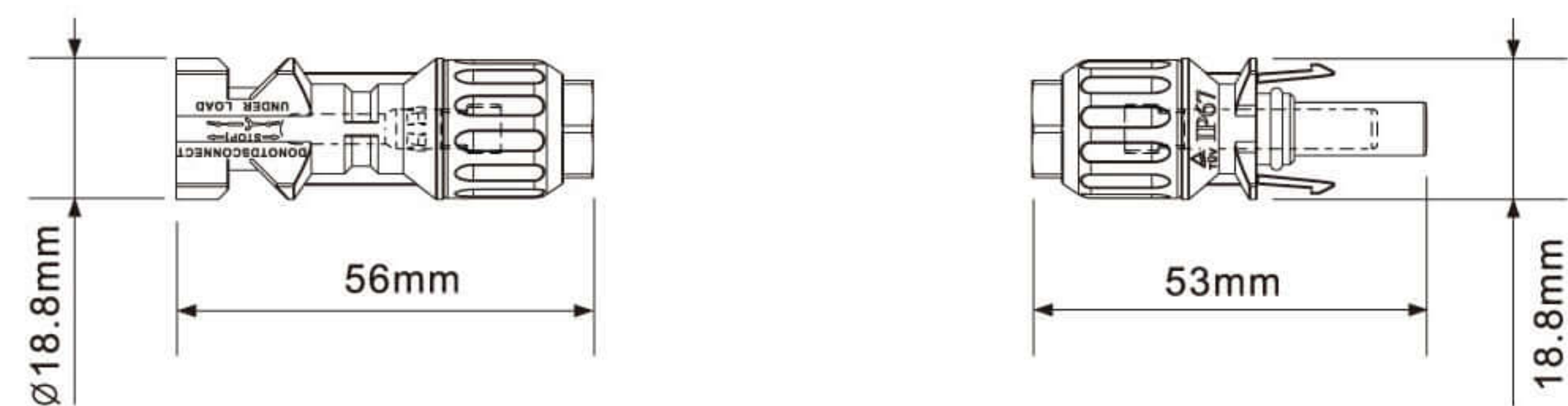
- >> Insulation material : XLPE
绝缘材料 : XLPE
- >> Double insulation jackets, all-weather adaptability: resistance to UV, oil fat, oxygen and ozone
双绝缘外套 , 气候适应性 : 耐紫外线 , 油脂 , 氧气和臭氧
- >> Halogen-free, inflaming retarding, low toxic material
无卤素 , 阻燃 , 低有害物质
- >> Good abrasion resistance, excellent softness and stripping performance
良好的耐磨性 , 优良的柔软性和剥离性能
- >> High current carrying capacity
大电流承载能力



TECHNICAL DATA / 技术参数

Insulation Material / 绝缘材料	PPO
Contact Material / 接触材料	Copper, Tin plated
Rated Current / 额定电流	30A
Rated Voltage / 额定电压	1000V (TUV) 600V (UL)
Test Voltage / 测试电压	8KV (TUV50HZ,1min)
Contact Resistance / 接触电阻	<0.5mΩ
Degree Of Protection / 防护等级	IP 67
Ambient Temperature Range / 环境温度范围	-40℃~ +85℃
Flame Class / 阻燃等级	UL 94-V0
Safety Class / 安全等级	II
Pin Dimensions / 插针尺寸	Ø4mm

PRODUCT DIMENSIONS / 产品尺寸



Conductor cross section / 导线截面积	14 / 12 / 10 AWG 2.5 / 4.0 / 6.0 mm ²
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MAIN SPECIALITY / 主要特性

- >> All the connection made by double fixed connection
所有的连接采用双固定连接
- >> low power loss
低功率损耗
- >> With the capacity of anti-aging and resistance to ultraviolet radiation on the outer cover
具有抗老化和抗紫外线辐射的能力
- >> With convenient installation, strong commonality
安装方便，通用性强
- >> To meet the using requirement under bad outdoor condition
在恶劣的室外条件下，满足使用要求

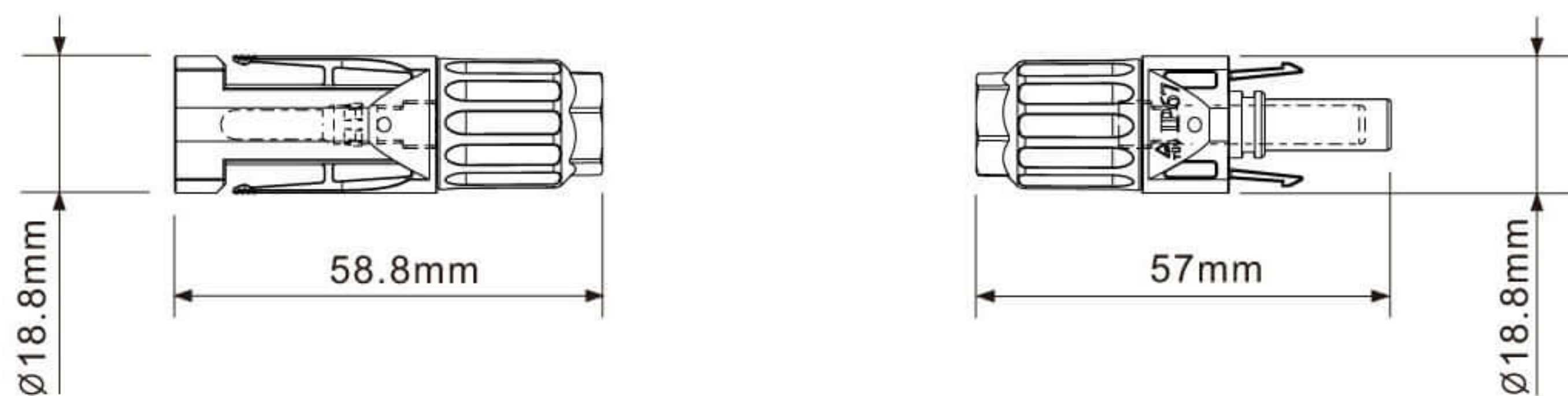
RHT-C4B Solar Connector/ 光伏连接器



TECHNICAL DATA / 技术参数

Insulation Material / 绝缘材料	PPO
Contact Material / 接触材料	Copper, Tin plated
Rated Current / 额定电流	30A
Rated Voltage / 额定电压	1000V (TUV) 600V (UL)
Test Voltage / 测试电压	8KV (TUV50HZ,1min)
Contact Resistance / 接触电阻	<0.5mΩ
Degree Of Protection / 防护等级	IP 67
Ambient Temperature Range / 环境温度范围	-40℃~ +85℃
Flame Class / 阻燃等级	UL 94-V0
Safety Class / 安全等级	II
Pin Dimensions / 插针尺寸	Ø4mm

PRODUCT DIMENSIONS / 产品尺寸



Conductor cross section / 导线截面积	14 / 12 / 10 AWG 2.5 / 4.0 / 6.0 mm ²
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MAIN SPECIALITY / 主要特性

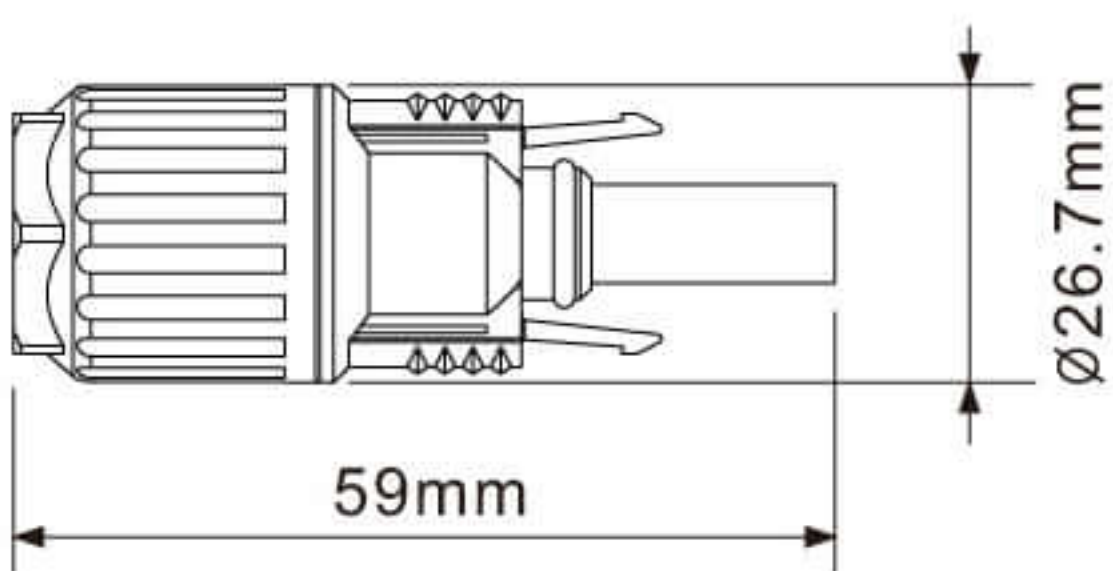
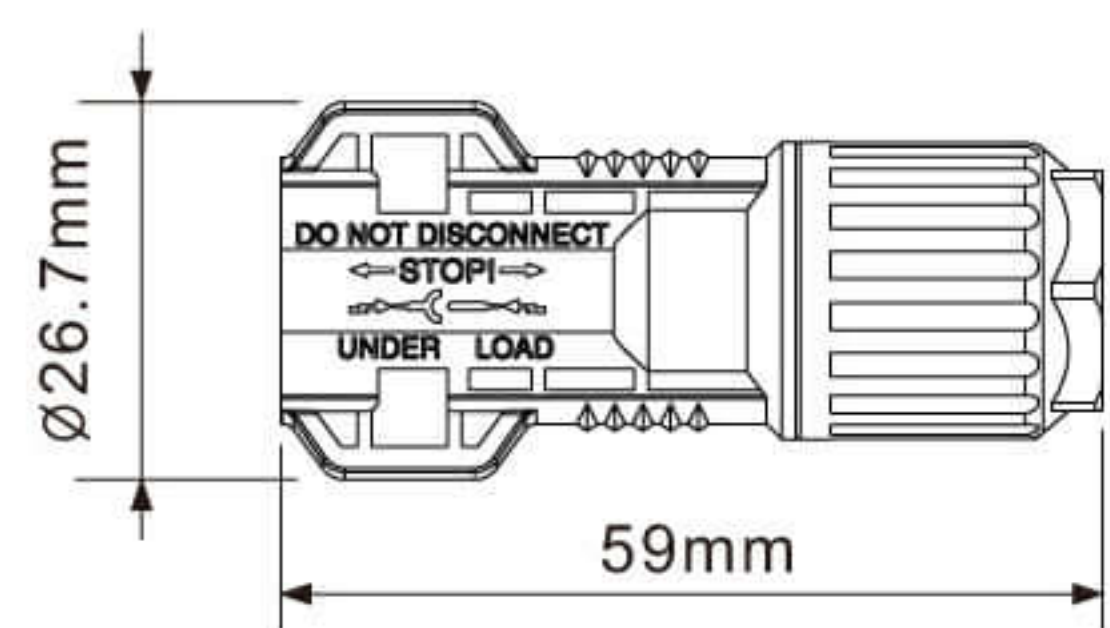
- >> All the connection made by double fixed connection
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TECHNICAL DATA / 技术参数

Insulation Material / 绝缘材料	PPO
Contact Material / 接触材料	Copper, Tin plated
Rated Current / 额定电流	45A
Rated Voltage / 额定电压	1000V (TUV) 600V (UL)
Test Voltage / 测试电压	8KV (TUV50HZ,1min)
Contact Resistance / 接触电阻	<0.5mΩ
Degree Of Protection / 防护等级	IP 67
Ambient Temperature Range / 环境温度范围	-40℃~ +85℃
Flame Class / 阻燃等级	UL 94-V0
Safety Class / 安全等级	II
Pin Dimensions / 插针尺寸	Ø4mm

PRODUCT DIMENSIONS / 产品尺寸



Conductor cross section / 导线截面积	8AWG 10.0 mm ²
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MAIN SPECIALITY / 主要特性

- >> All the connection made by double fixed connection
所有的连接采用双固定连接
- >> low power loss
低功率损耗
- >> With the capacity of anti-aging and resistance to ultraviolet radiation on the outer cover
具有抗老化和抗紫外线辐射的能力
- >> With convenient installation, strong commonality
安装方便，通用性强
- >> To meet the using requirement under bad outdoor condition
在恶劣的室外条件下，满足使用要求

RoHS



TECHNICAL DATA / 技术参数

Insulation Material / 绝缘材料	TPE
Contact Material / 接触材料	Copper, Tin plated
Rated Current / 额定电流	30A
Rated Voltage / 额定电压	1000V (TUV) 600V (UL)
Test Voltage / 测试电压	8KV (TUV50HZ,1min)
Contact Resistance / 接触电阻	<0.5mΩ
Degree Of Protection / 防护等级	IP 65
Ambient Temperature Range / 环境温度范围	-40℃~ +85℃
Flame Class / 阻燃等级	UL 94-V0
Safety Class / 安全等级	II
Pin Dimensions / 插针尺寸	Ø3mm

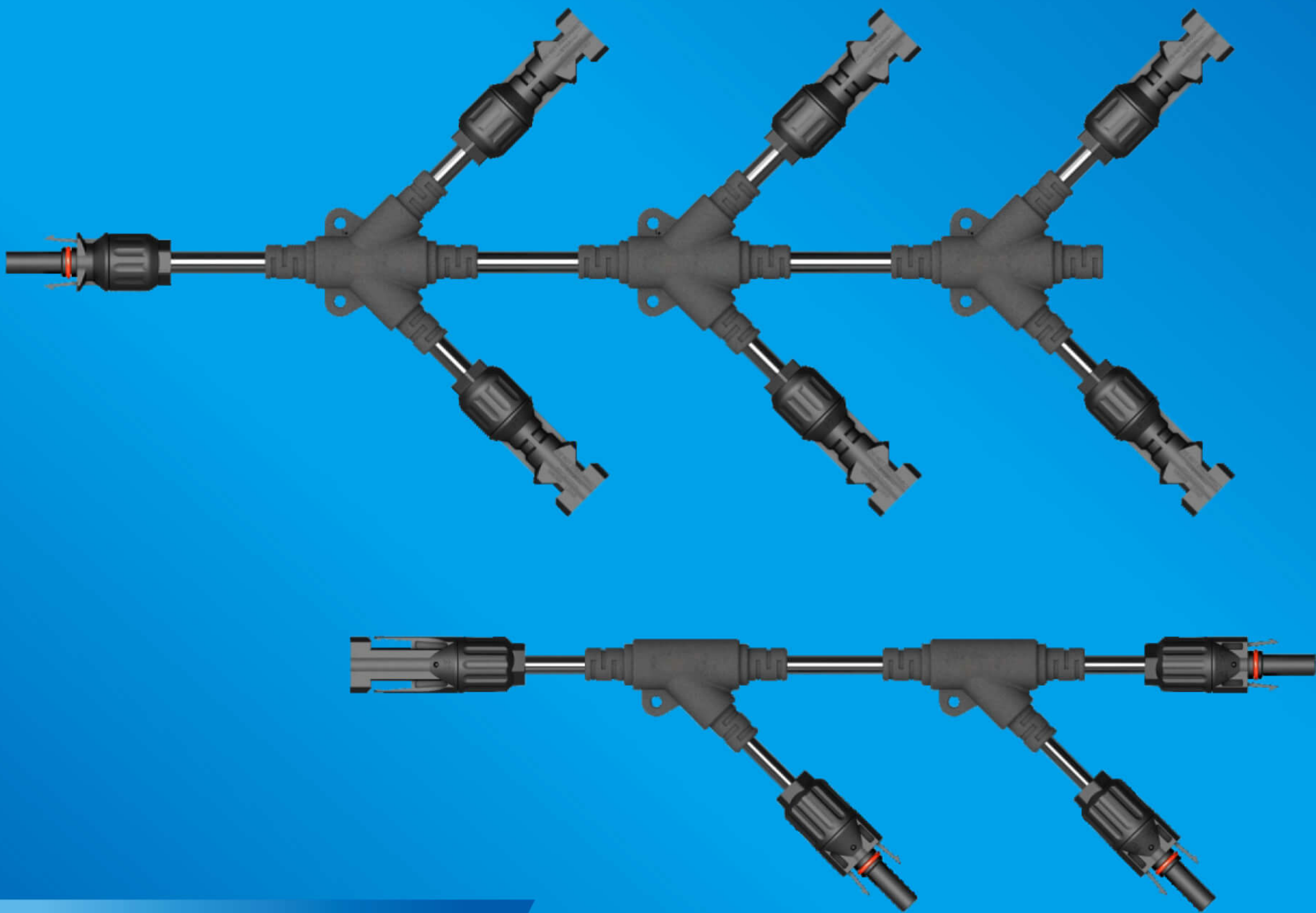
PRODUCT DIMENSIONS / 产品尺寸



Conductor cross section / 导线截面积	14 / 12 / 10 AWG 2.5 / 4.0 / 6.0 mm²
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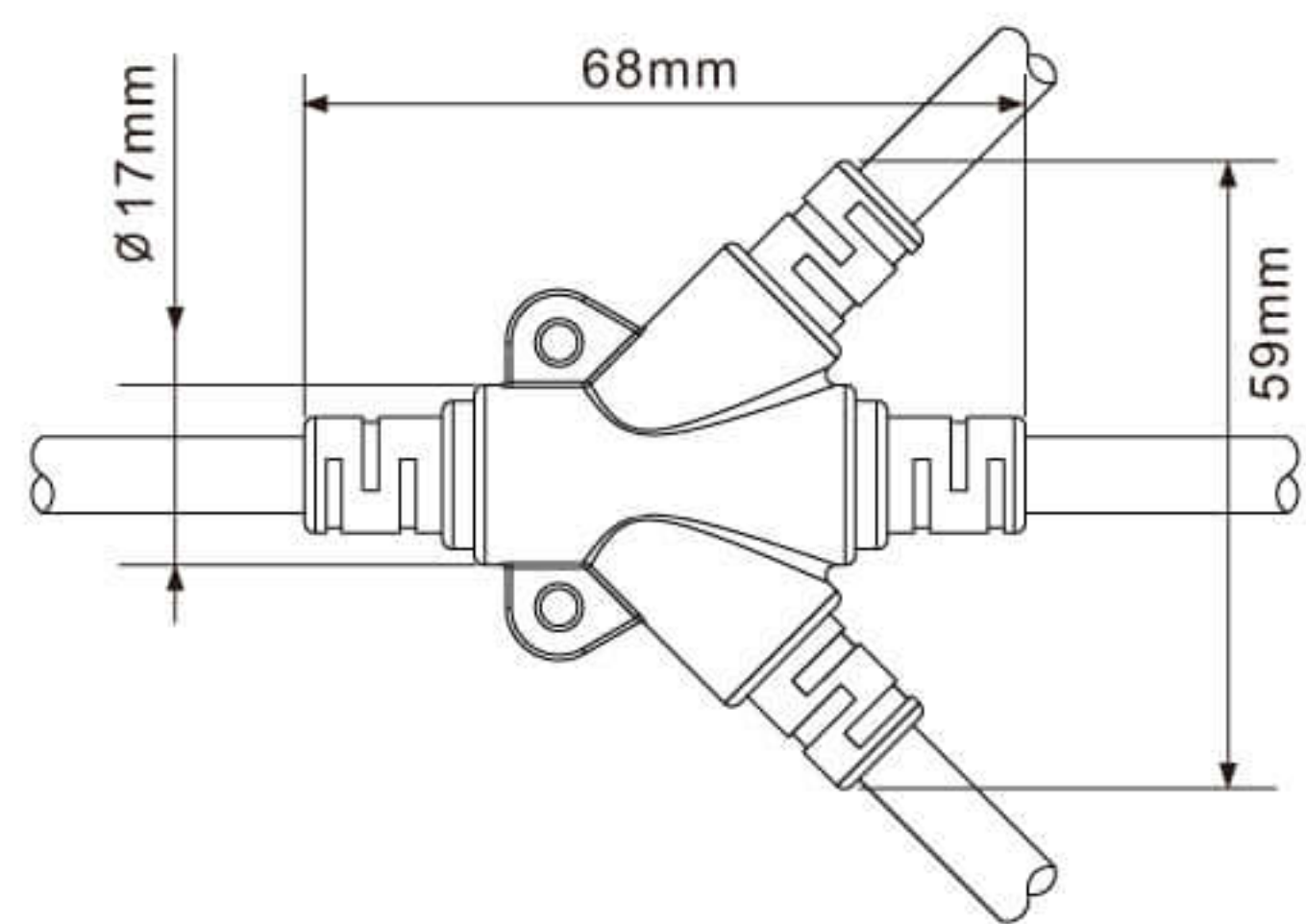
MAIN SPECIALITY / 主要特性

- >> low power loss
低功率损耗
- >> With the capacity of anti-aging and resistance to ultraviolet radiation on the outer cover
具有抗老化和抗紫外线辐射的能力
- >> With convenient installation, strong commonality
安装方便，通用性强

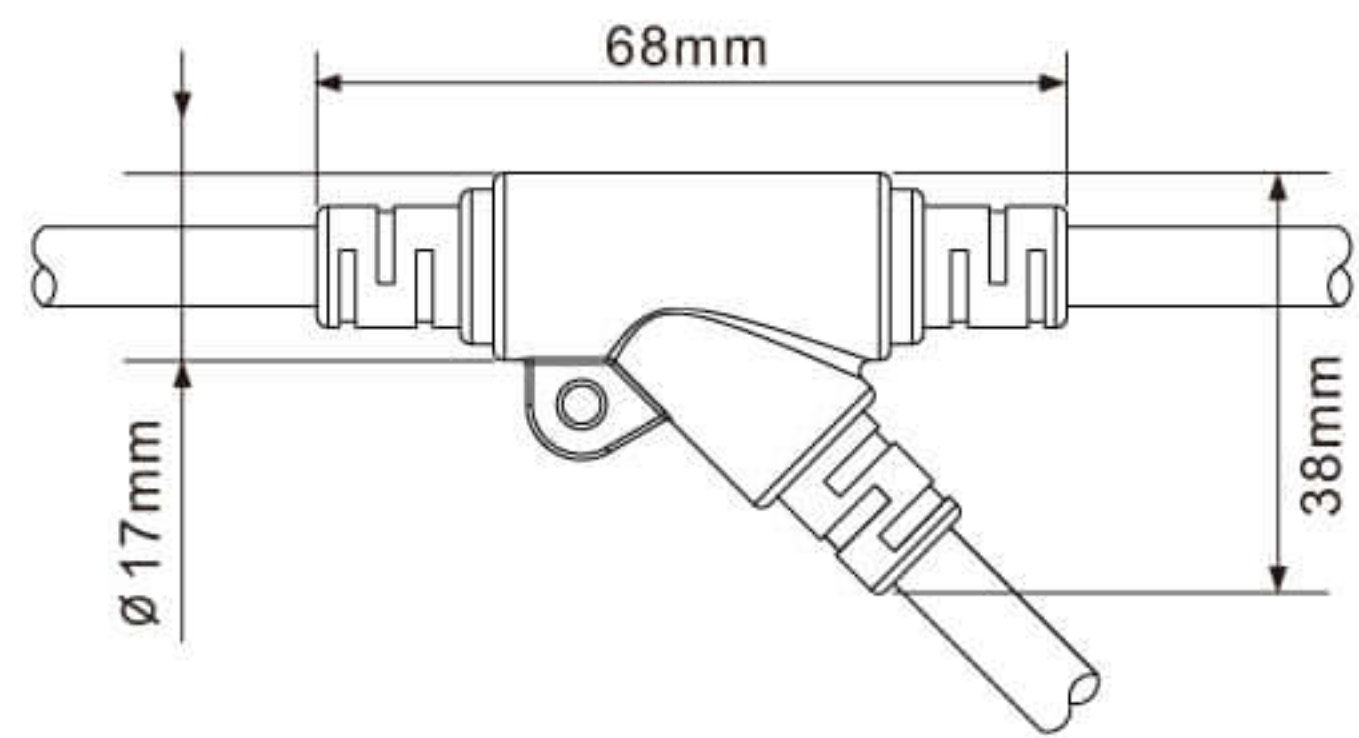


TECHNICAL DATA / 技术参数

Insulation Material / 绝缘材料	PPO / TPE
Contact Material / 接触材料	Copper, Tin plated
Rated Current / 额定电流	30A
Rated Voltage / 额定电压	1000V (TUV) 600V (UL)
Test Voltage / 测试电压	8KV (TUV50HZ,1min)
Contact Resistance / 接触电阻	<0.5mΩ
Degree Of Protection / 防护等级	IP 67
Ambient Temperature Range / 环境温度范围	-40℃~ +85℃
Flame Class / 阻燃等级	UL 94-V0
Safety Class / 安全等级	II
Pin Dimensions / 插针尺寸	Ø4mm



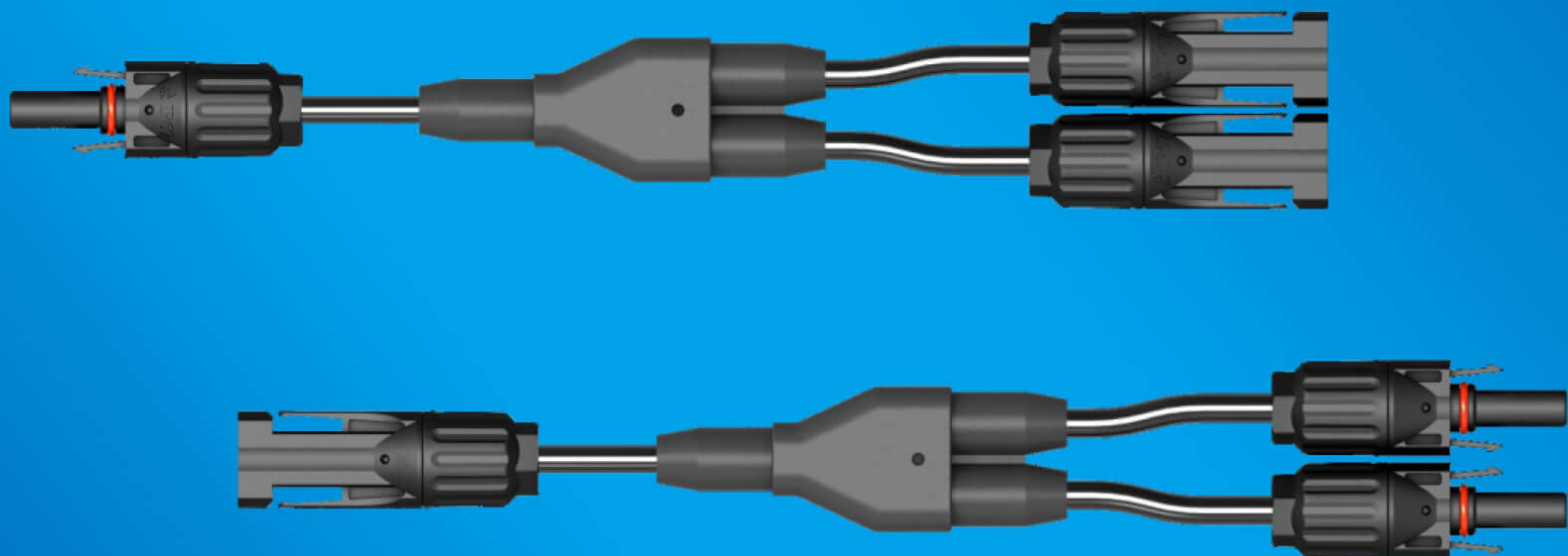
RHT-Y3A



RHT-Y2A

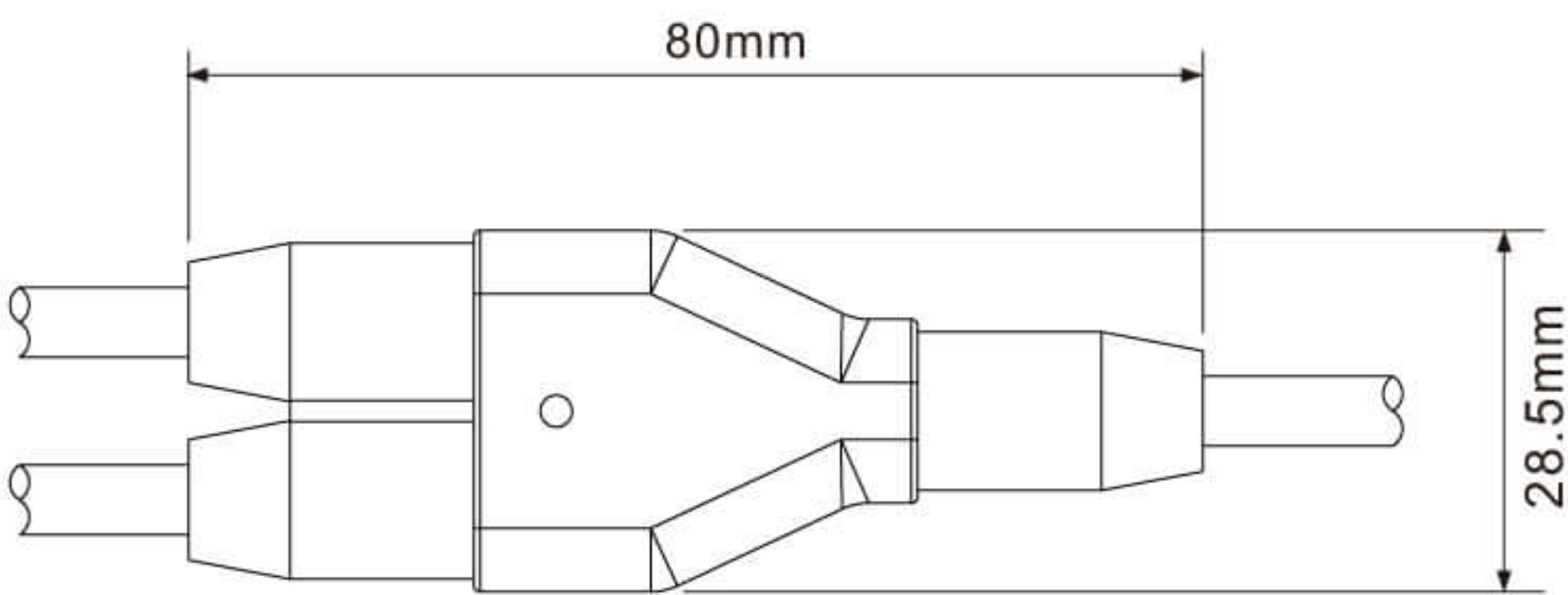
Conductor cross section 导线截面积	14 / 12 / 10 AWG 2.5 / 4.0 / 6.0 mm²
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It can be matched with different types of SC connectors flexibly
可以灵活地匹配不同类型的SC连接器



TECHNICAL DATA / 技术参数

Insulation Material / 绝缘材料	PPO / TPE
Contact Material / 接触材料	Copper, Tin plated
Rated Current / 额定电流	30A
Rated Voltage / 额定电压	1000V (TUV) 600V (UL)
Test Voltage / 测试电压	8KV (TUV50HZ,1min)
Contact Resistance / 接触电阻	<0.5mΩ
Degree Of Protection / 防护等级	IP 67
Ambient Temperature Range / 环境温度范围	-40℃~ +85℃
Flame Class / 阻燃等级	UL 94-V0
Safety Class / 安全等级	II
Pin Dimensions / 插针尺寸	Ø4mm

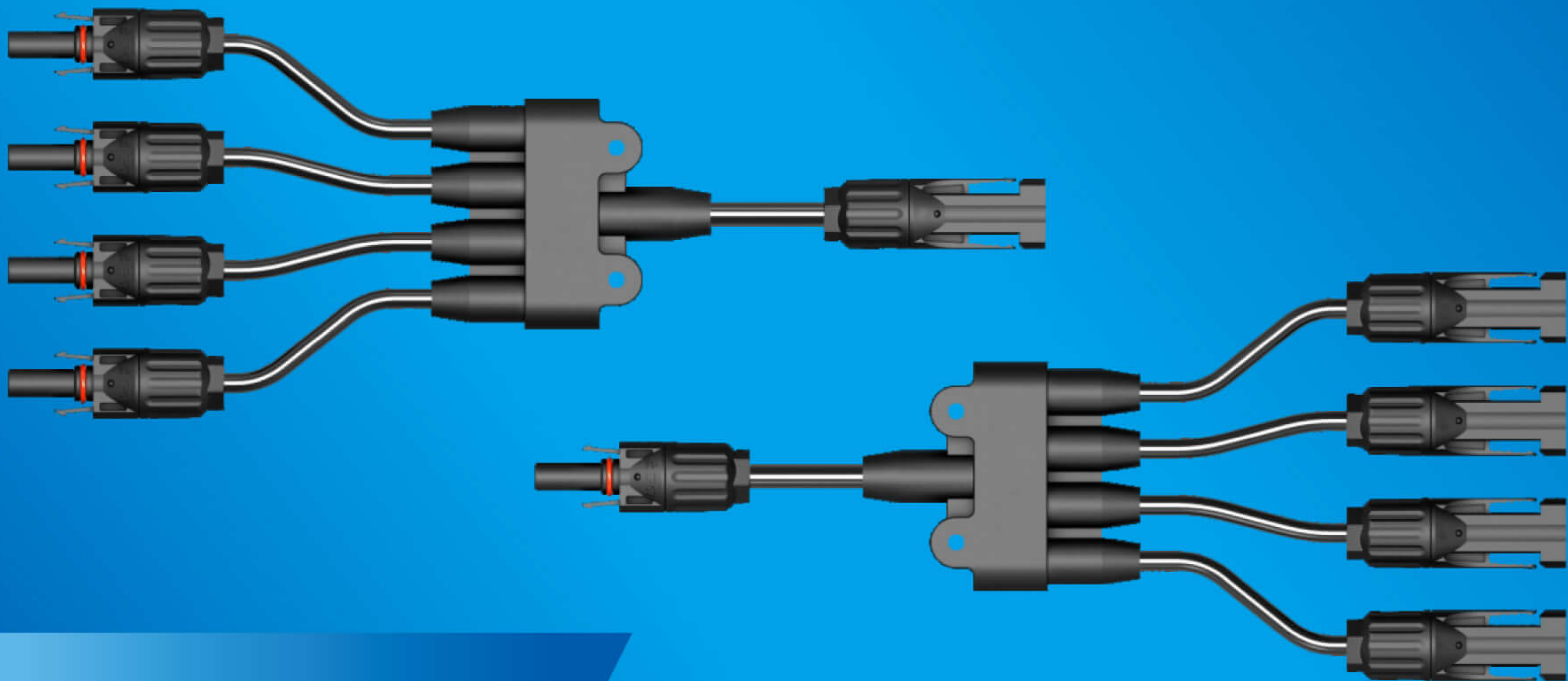


Conductor cross section 导线截面积	14 / 12 / 10 AWG 2.5 / 4.0 / 6.0 mm²
----------------------------------	---

It can be matched with different types of SC connectors flexibly
可以灵活地匹配不同类型的SC连接器

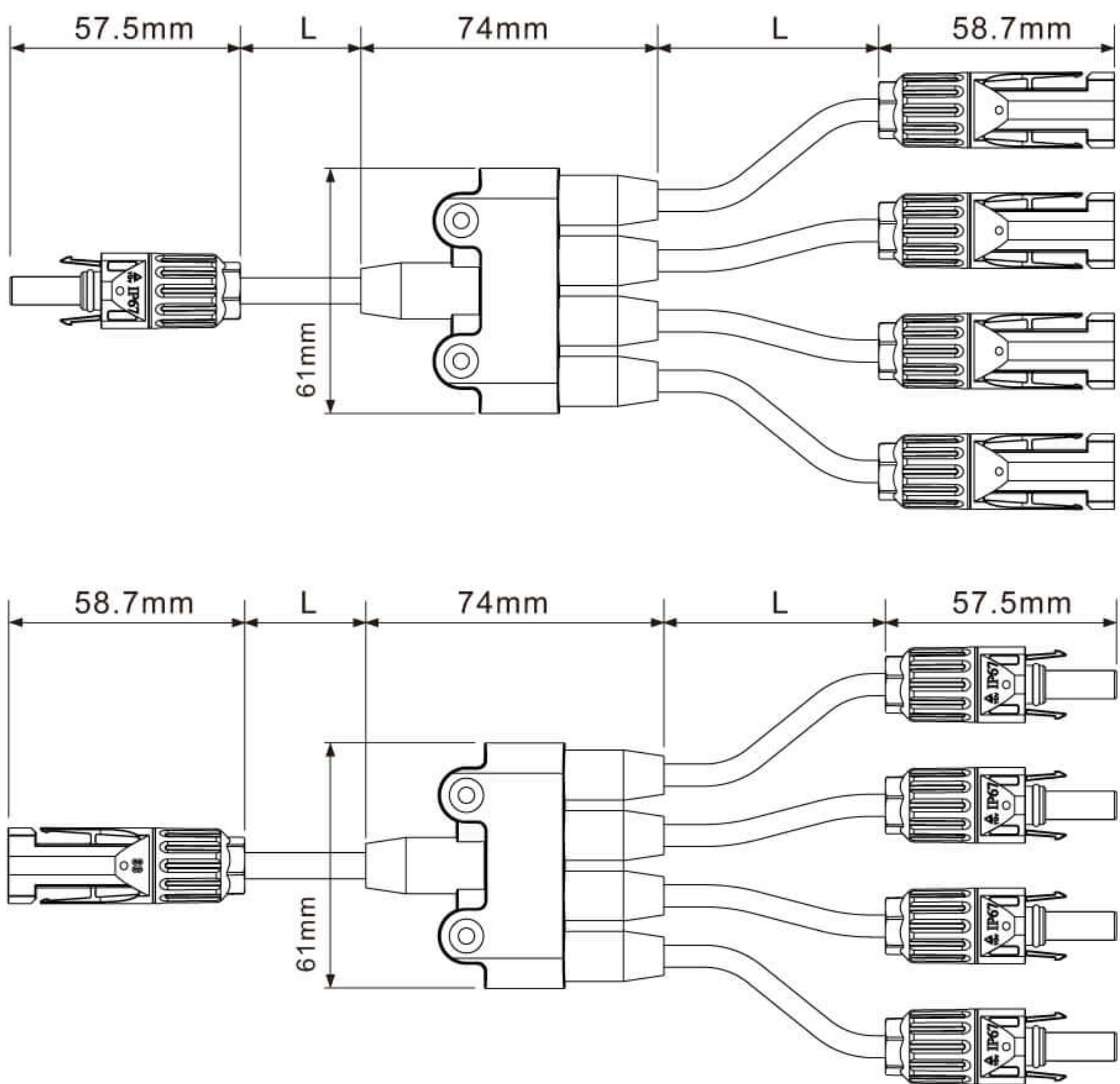
MAIN SPECIALITY / 主要特性

- >> low power loss
低功率损耗
- >> With the capacity of anti-aging and resistance to ultraviolet radiation on the outer cover
具有抗老化和抗紫外线辐射的能力
- >> With convenient installation, strong commonality
安装方便，通用性强
- >> To meet the using requirement under bad outdoor condition
在恶劣的室外条件下，满足使用要求



TECHNICAL DATA / 技术参数

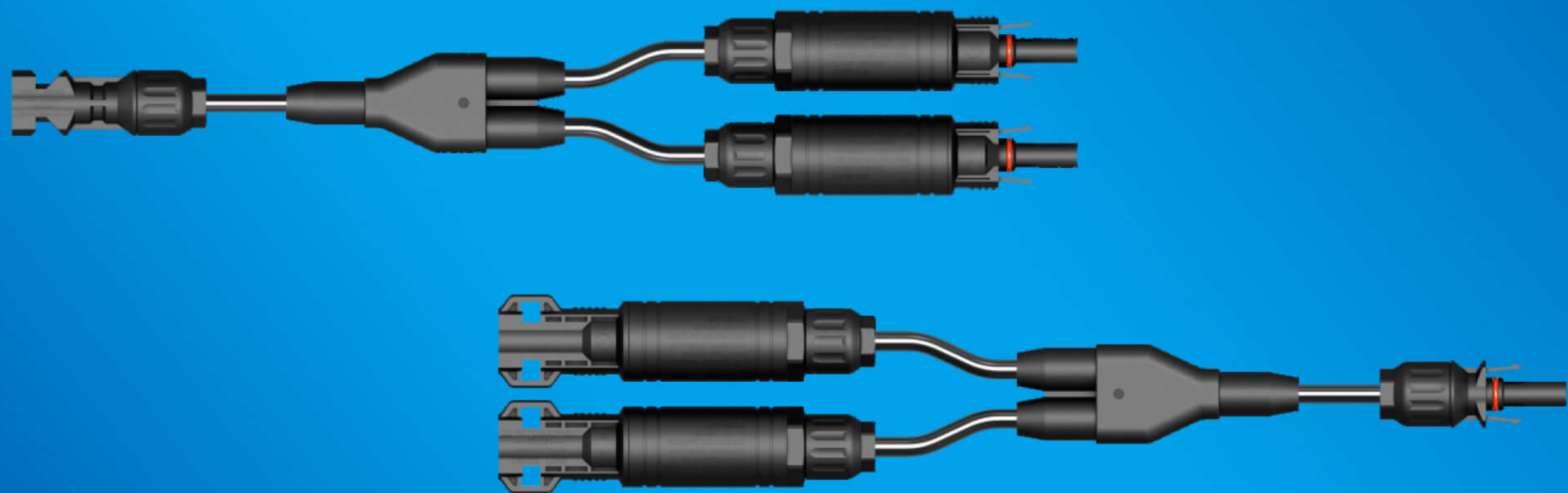
Insulation Material / 绝缘材料	PPO / TPE
Contact Material / 接触材料	Copper, Tin plated
Rated Current / 额定电流	30A
Rated Voltage / 额定电压	1000V (TUV) 600V (UL)
Test Voltage / 测试电压	8KV (TUV50HZ,1min)
Contact Resistance / 接触电阻	<0.5mΩ
Degree Of Protection / 防护等级	IP 67
Ambient Temperature Range / 环境温度范围	-40℃~ +85℃
Flame Class / 阻燃等级	UL 94-V0
Safety Class / 安全等级	II
Pin Dimensions / 插针尺寸	Ø4mm



可以灵活地匹配不同类型的RHT连接器
It can be matched with different types of RHT connectors flexibly

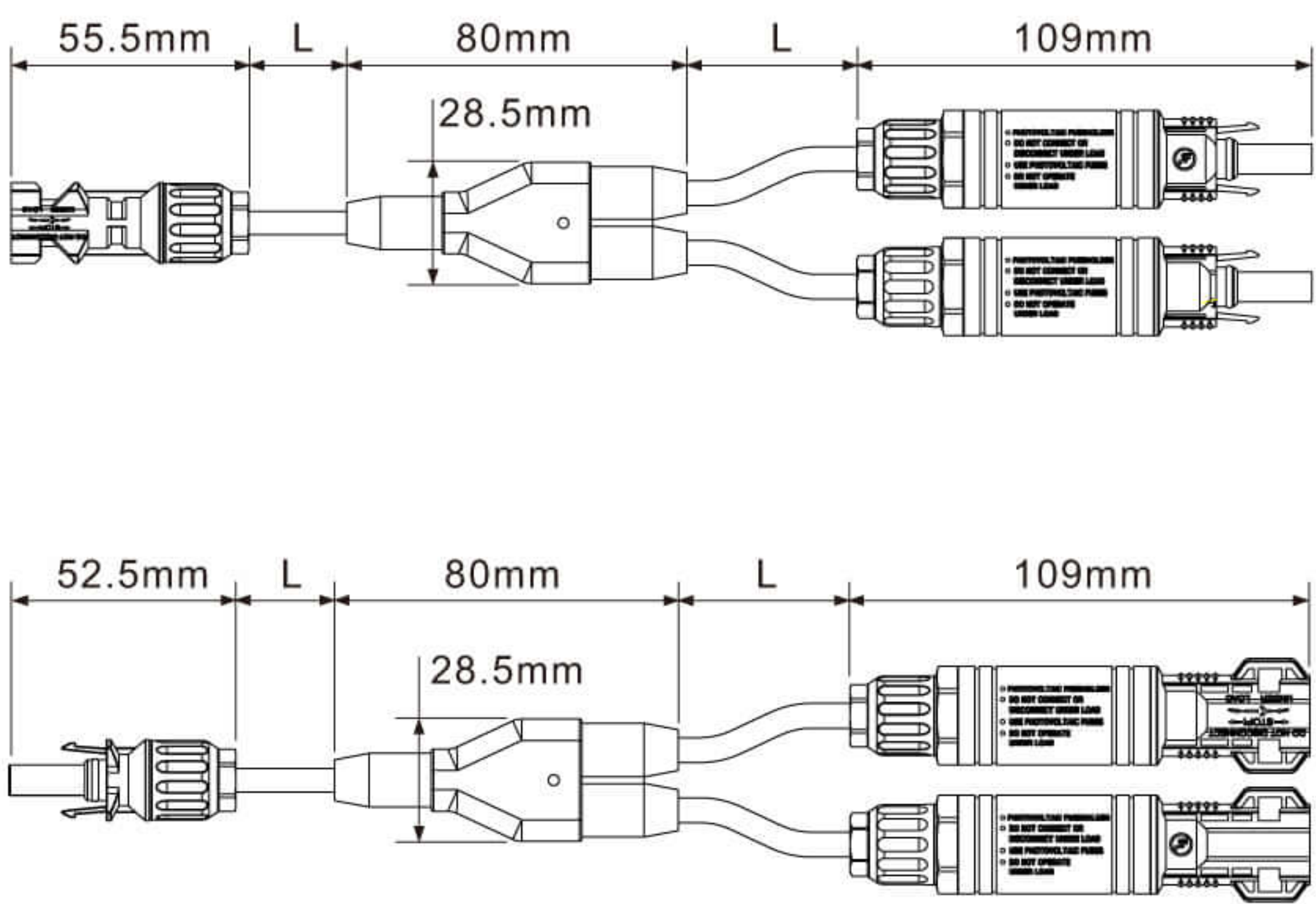
MAIN SPECIALITY / 主要特性

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TECHNICAL DATA / 技术参数

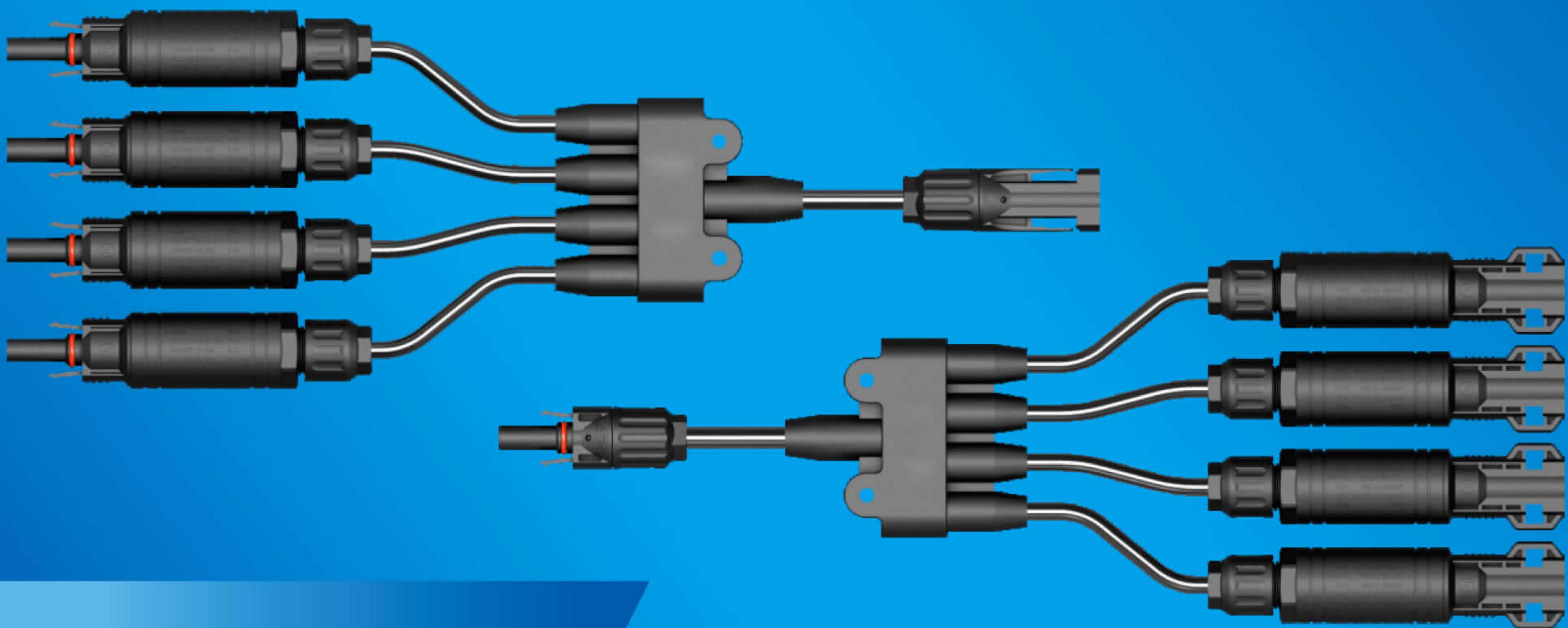
Insulation Material / 绝缘材料	PPO / TPE
Contact Material / 接触材料	Copper, Tin plated
Rated Current / 额定电流	1-30A
Rated Voltage / 额定电压	1000V (TUV) 600V (UL)
Test Voltage / 测试电压	8KV (TUV50HZ,1min)
Contact Resistance / 接触电阻	<0.5mΩ
Degree Of Protection / 防护等级	IP 67
Ambient Temperature Range / 环境温度范围	-40℃~ +85℃
Flame Class / 阻燃等级	UL 94-V0
Safety Class / 安全等级	II
Pin Dimensions / 插针尺寸	Ø4mm



It can be matched with different types of RHT connectors flexibly
可以灵活地匹配不同类型的RHT连接器

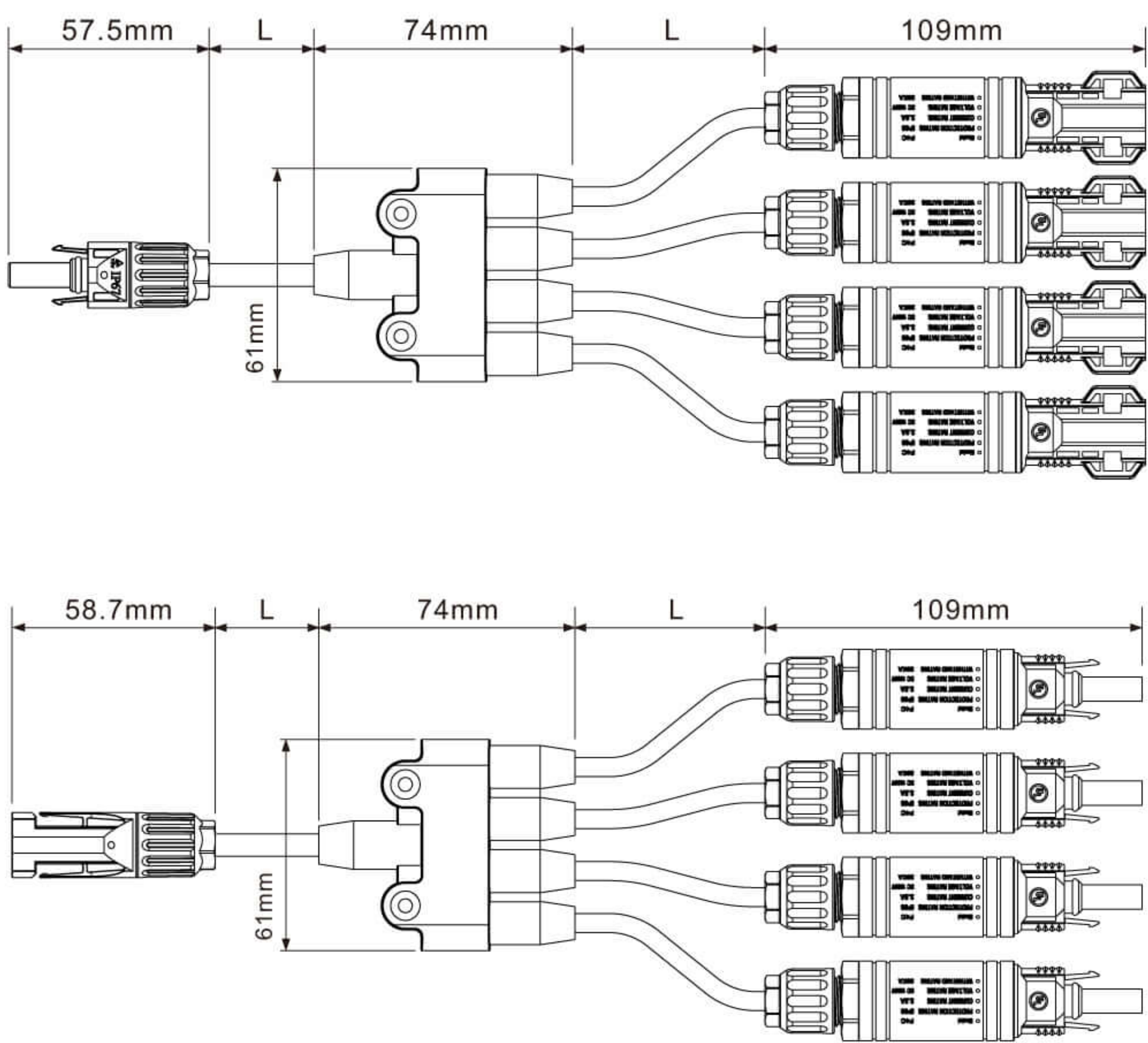
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TECHNICAL DATA / 技术参数

Insulation Material / 绝缘材料	PPO/TPE
Contact Material / 接触材料	Copper, Tin plated
Rated Current / 额定电流	1-30A
Rated Voltage / 额定电压	1000V (TUV) 600V (UL)
Test Voltage / 测试电压	8KV (TUV50HZ,1min)
Contact Resistance / 接触电阻	<0.5mΩ
Degree Of Protection / 防护等级	IP 67
Ambient Temperature Range / 环境温度范围	-40℃~ +85℃
Flame Class / 阻燃等级	UL 94-V0
Safety Class / 安全等级	II
Pin Dimensions / 插针尺寸	Ø4mm



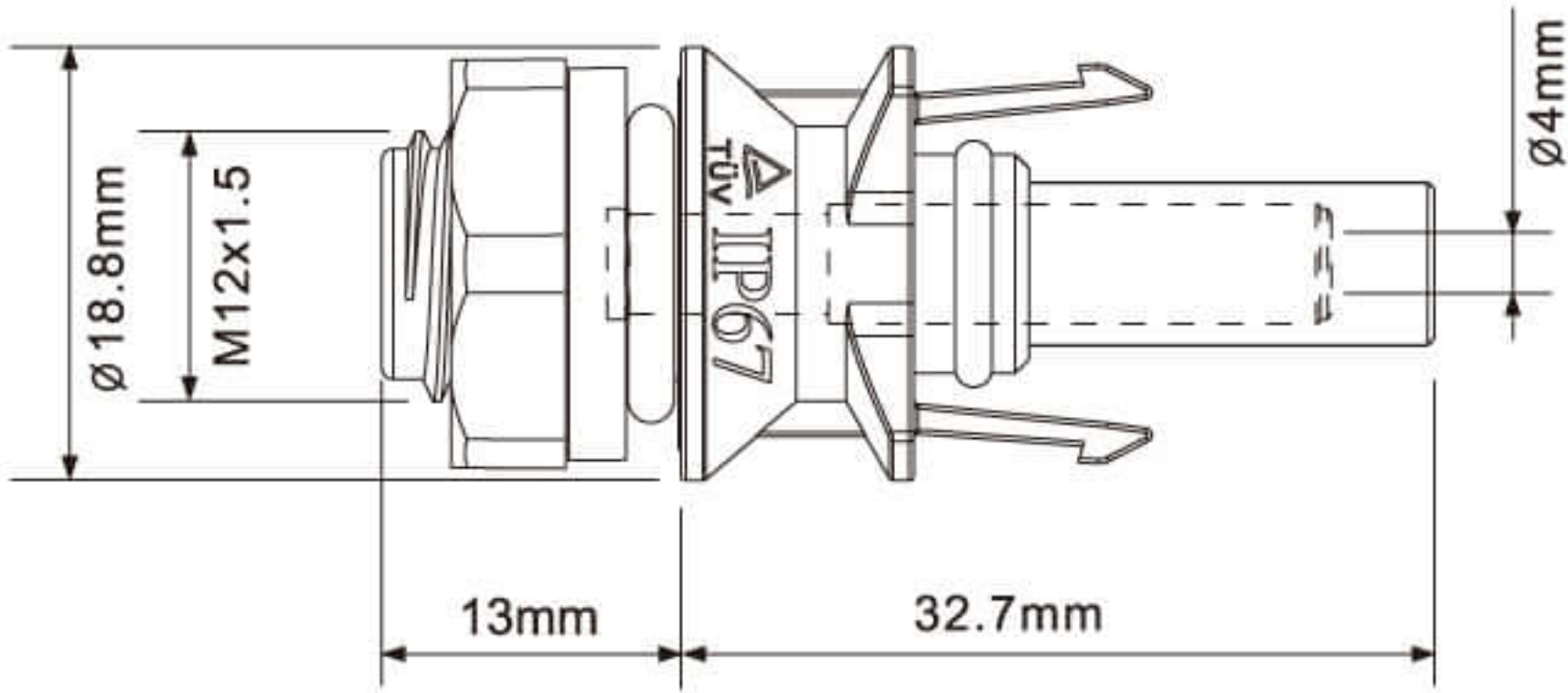
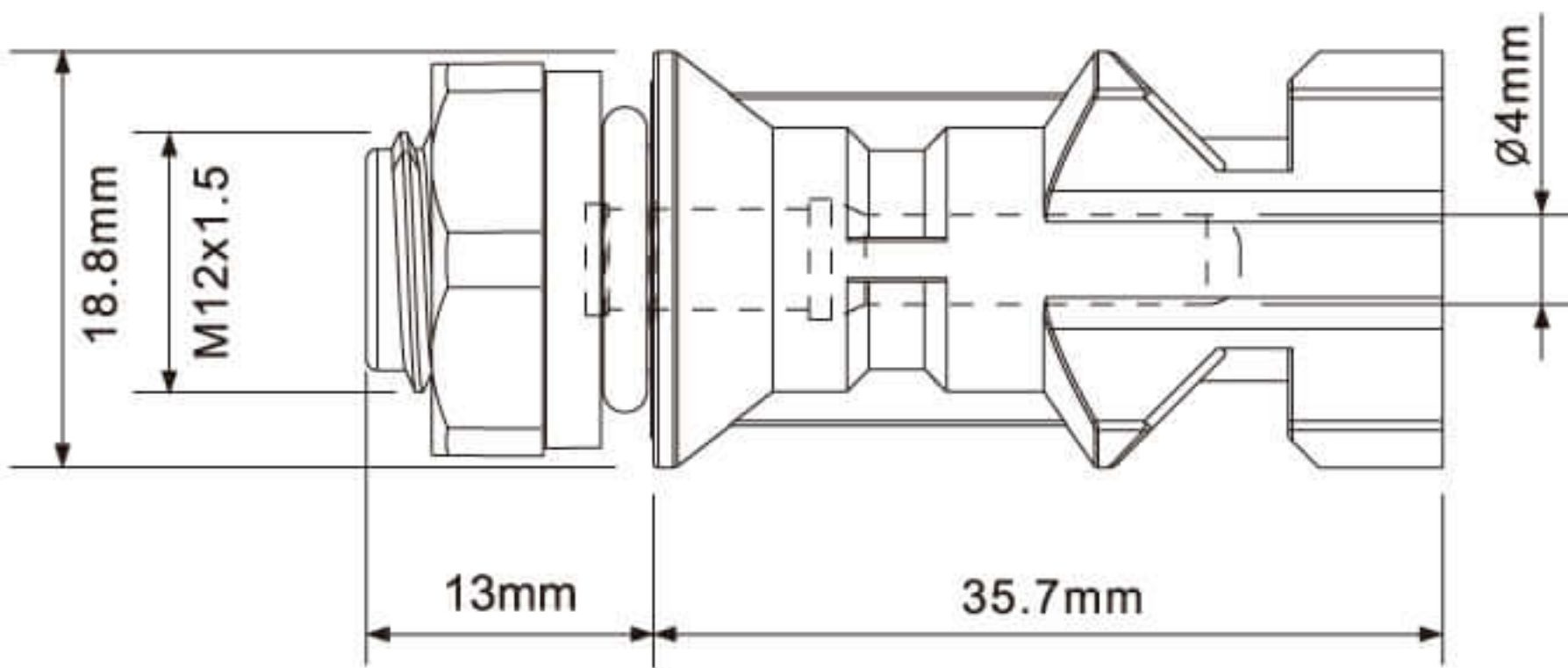
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TECHNICAL DATA/ 技术参数

Insulation Material / 绝缘材料	PPO
Contact Material / 接触材料	Copper, Tin plated
Rated Current / 额定电流	30A
Rated Voltage / 额定电压	1000V (TUV) 600V (UL)
Test Voltage / 测试电压	8KV (TUV50HZ,1min)
Contact Resistance / 接触电阻	<0.5mΩ
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Flame Class / 阻燃等级	UL 94-V0
Safety Class / 安全等级	II
Pin Dimensions / 插针尺寸	Ø4mm



Conductor cross section	16 / 14 / 12 / 10 AWG
导线截面积	1.5 / 2.5 / 4.0 / 6.0 mm²

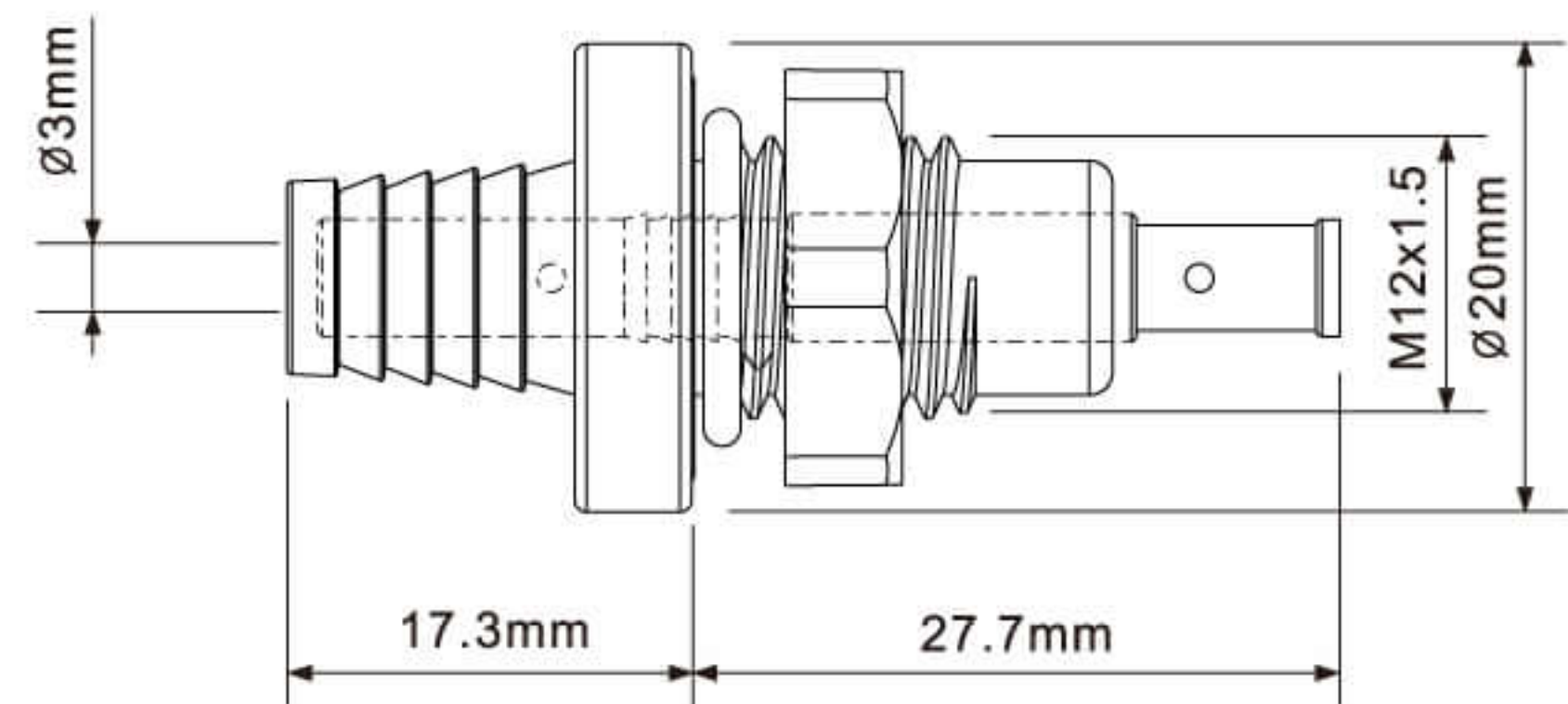
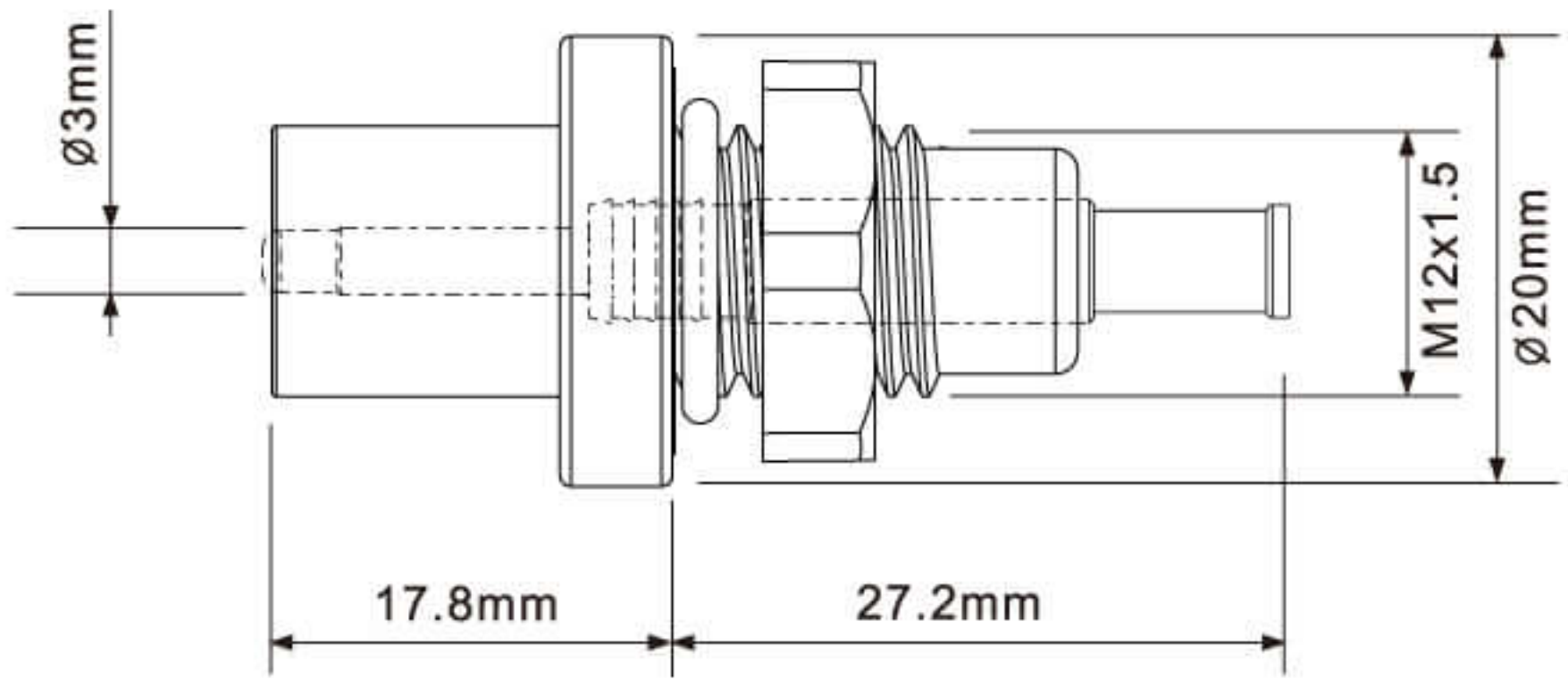
MAIN SPECIALITY/ 主要物性

- >> low power loss
低功率损耗
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- >> With convenient installation, strong commonality
安装方便，通用性强



TECHNICAL DATA/ 技术参数

Insulation Material / 绝缘材料	PA66
Contact Material / 接触材料	Copper, Tin plated
Rated Current / 额定电流	30A
Rated Voltage / 额定电压	1000V (TUV) 600V (UL)
Test Voltage / 测试电压	8KV (TUV50HZ,1min)
Contact Resistance / 接触电阻	<0.5mΩ
Degree Of Protection / 防护等级	IP 65
Ambient Temperature Range / 环境温度范围	-40℃~ +85℃
Flame Class / 阻燃等级	UL 94-V0
Safety Class / 安全等级	II
Pin Dimensions / 插针尺寸	Ø3mm



Conductor cross section	16 / 14 / 12 / 10 AWG
导线截面积	1.5 / 2.5 / 4.0 / 6.0 mm²

MAIN SPECIALITY/ 主要物性

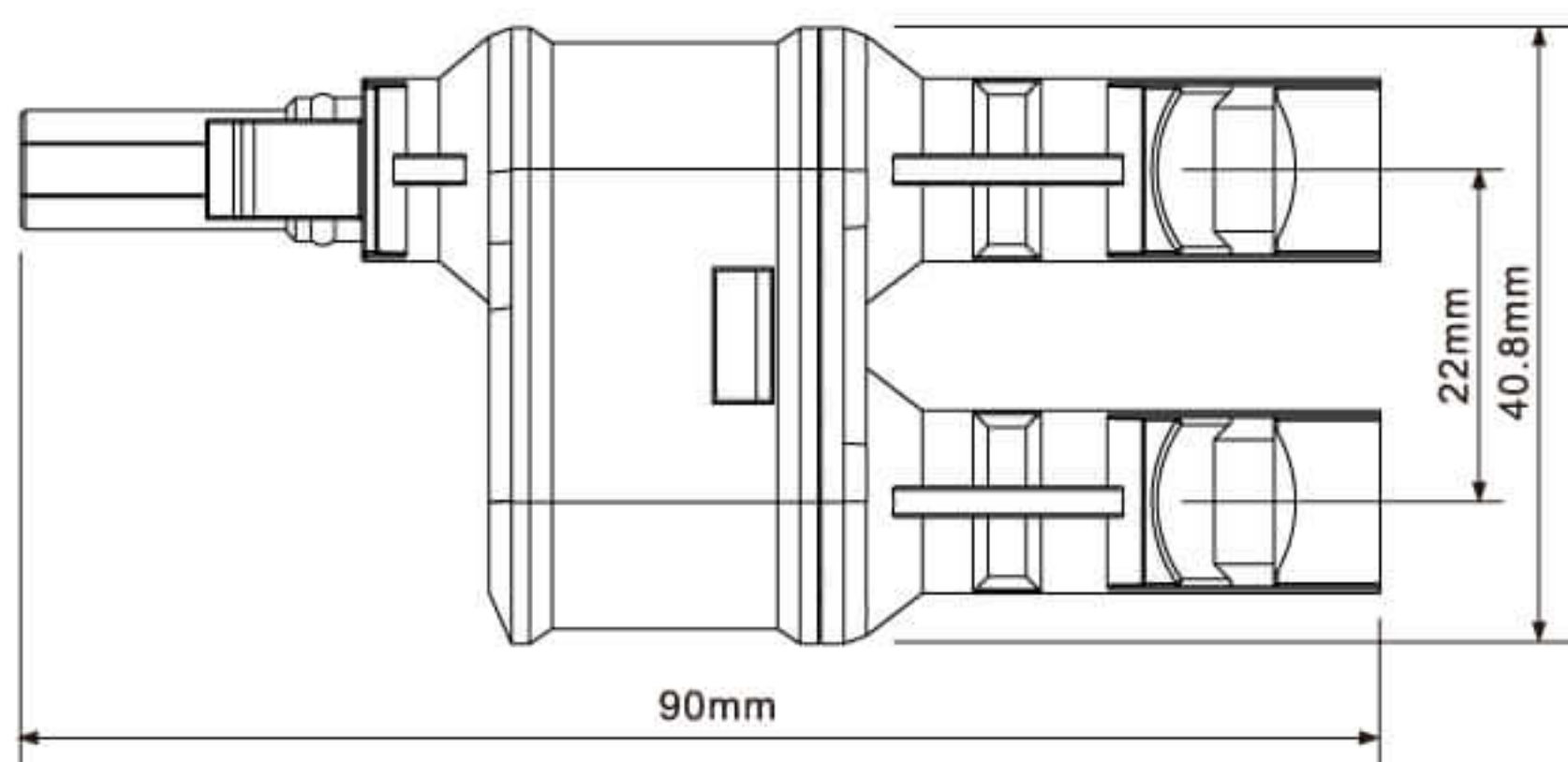
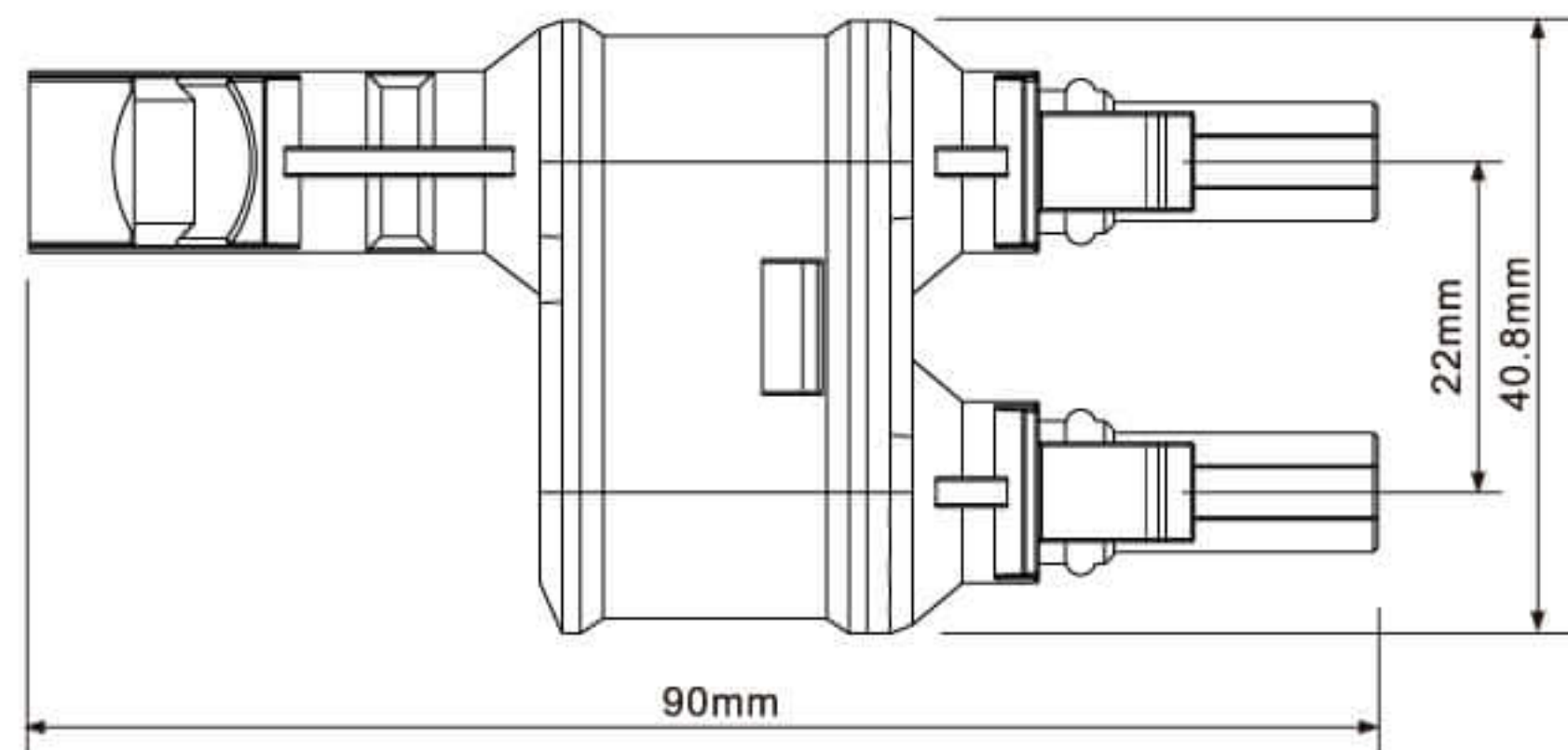
- >> low power loss
低功率损耗
- >> With the capacity of anti-aging and resistance to ultraviolet radiation on the outer cover
具有抗老化和抗紫外线辐射的能力
- >> With convenient installation, strong commonality
安装方便，通用性强

RHT-B4A&B4B Branch plug/ 转接头



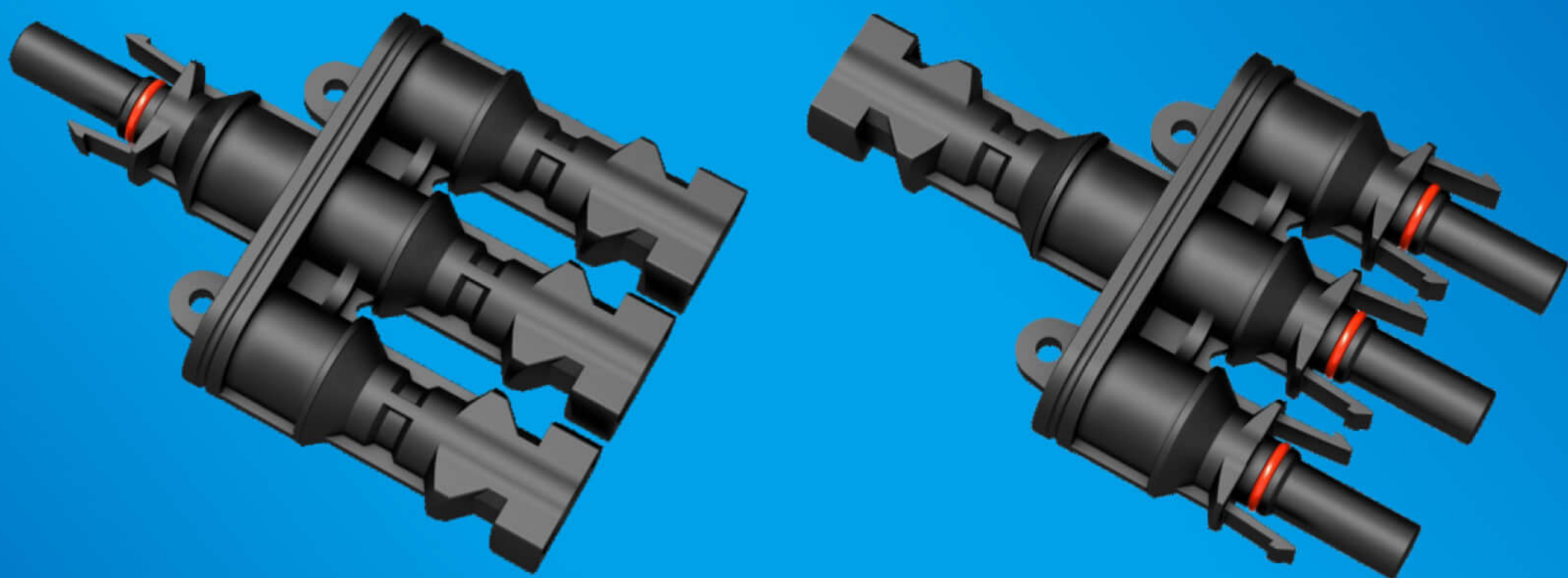
TECHNICAL DATA/ 技术参数

Insulation Material / 绝缘材料	PPO
Contact Material / 接触材料	Copper, Tin plated
Rated Current / 额定电流	30A
Rated Voltage / 额定电压	1000V (TUV) 600V (UL)
Test Voltage / 测试电压	8KV (TUV50HZ,1min)
Contact Resistance / 接触电阻	<0.5mΩ
Degree Of Protection / 防护等级	IP 67
Ambient Temperature Range / 环境温度范围	-40℃~ +85℃
Flame Class / 阻燃等级	UL 94-V0
Safety Class / 安全等级	II
Pin Dimensions / 插针尺寸	Ø4mm



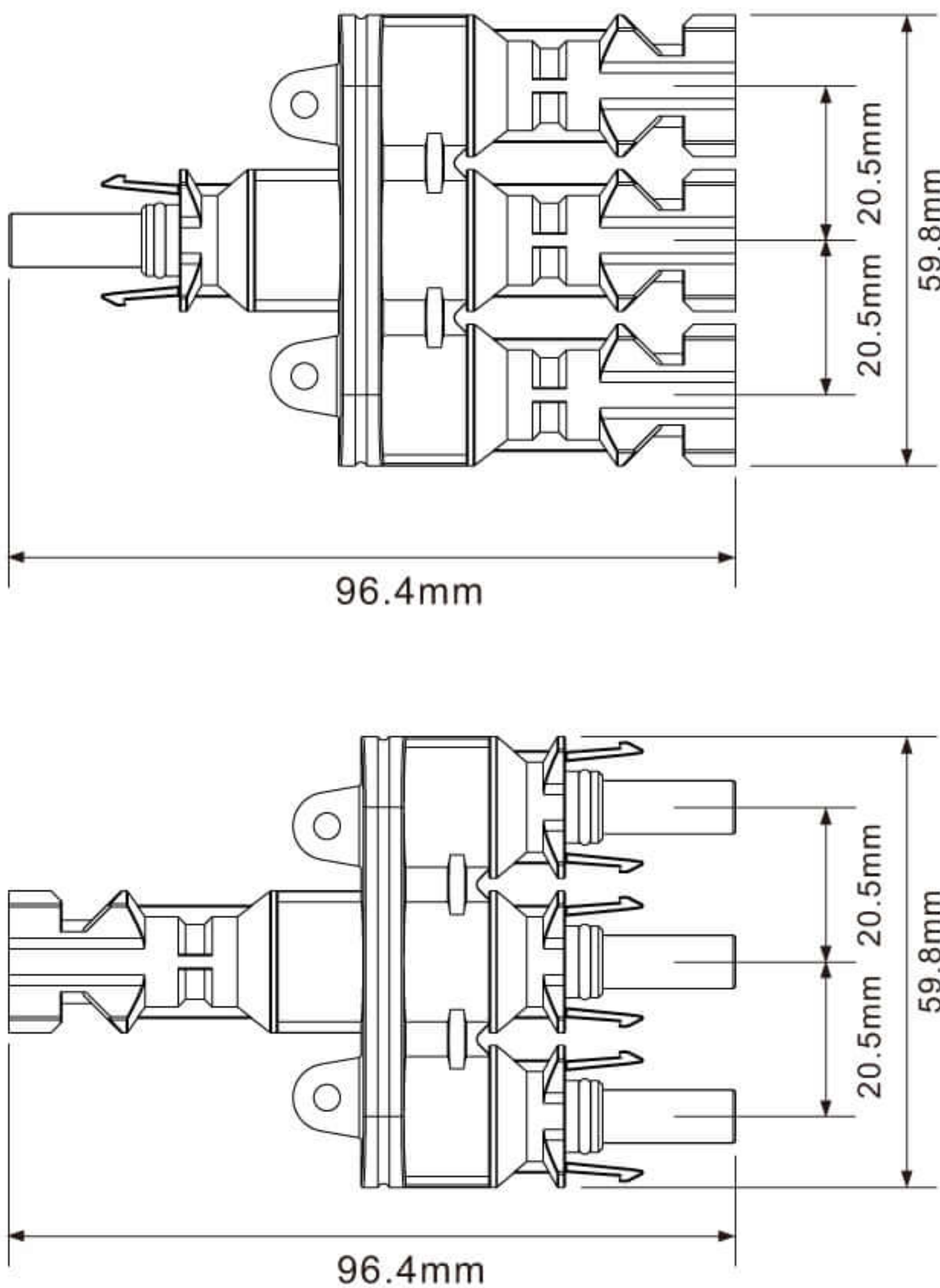
MAIN SPECIALITY / 主要特性

- >> low power loss
低功率损耗
- >> With the capacity of anti-aging and resistance to ultraviolet radiation on the outer cover
具有抗老化和抗紫外线辐射的能力
- >> With convenient installation, strong commonality
安装方便，通用性强
- >> To meet the using requirement under bad outdoor condition
在恶劣的室外条件下，满足使用要求



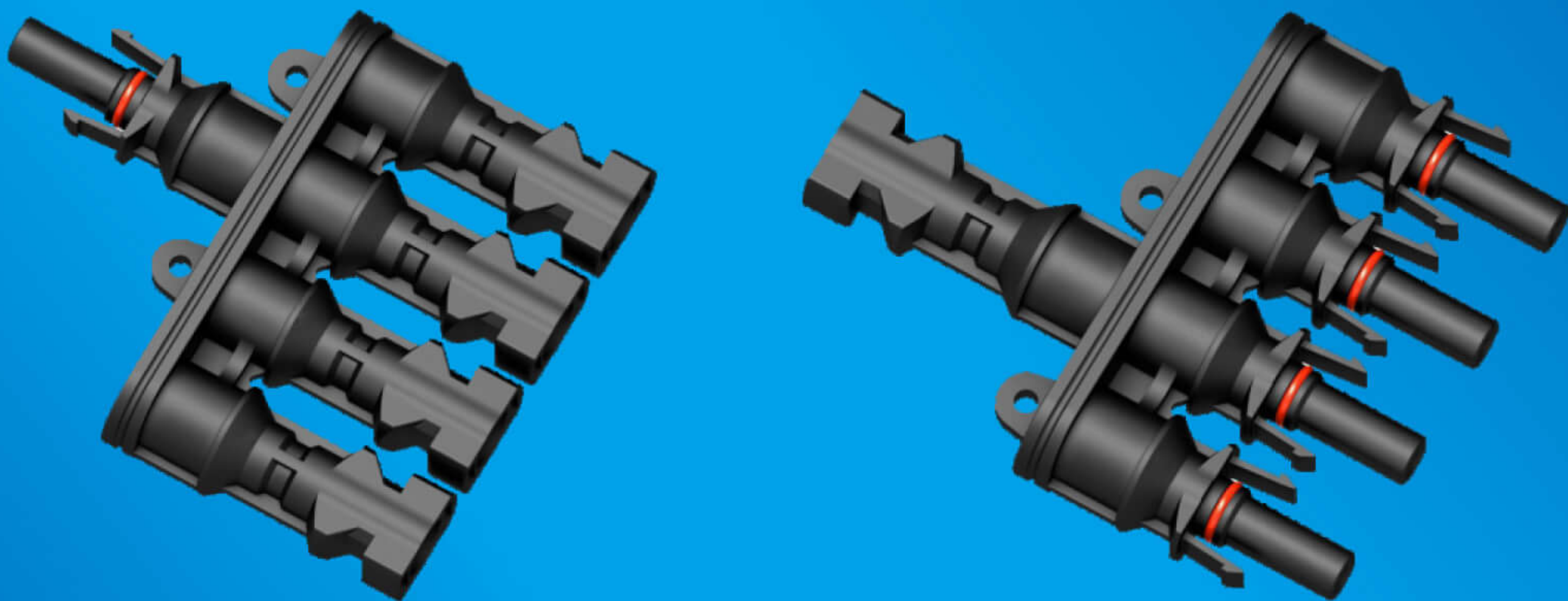
TECHNICAL DATA/ 技术参数

Insulation Material / 绝缘材料	PPO
Contact Material / 接触材料	Copper, Tin plated
Rated Current / 额定电流	30A
Rated Voltage / 额定电压	1000V (TUV) 600V (UL)
Test Voltage / 测试电压	8KV (TUV50HZ,1min)
Contact Resistance / 接触电阻	<0.5mΩ
Degree Of Protection / 防护等级	IP 67
Ambient Temperature Range / 环境温度范围	-40℃~ +85℃
Flame Class / 阻燃等级	UL 94-V0
Safety Class / 安全等级	II
Pin Dimensions / 插针尺寸	Ø4mm



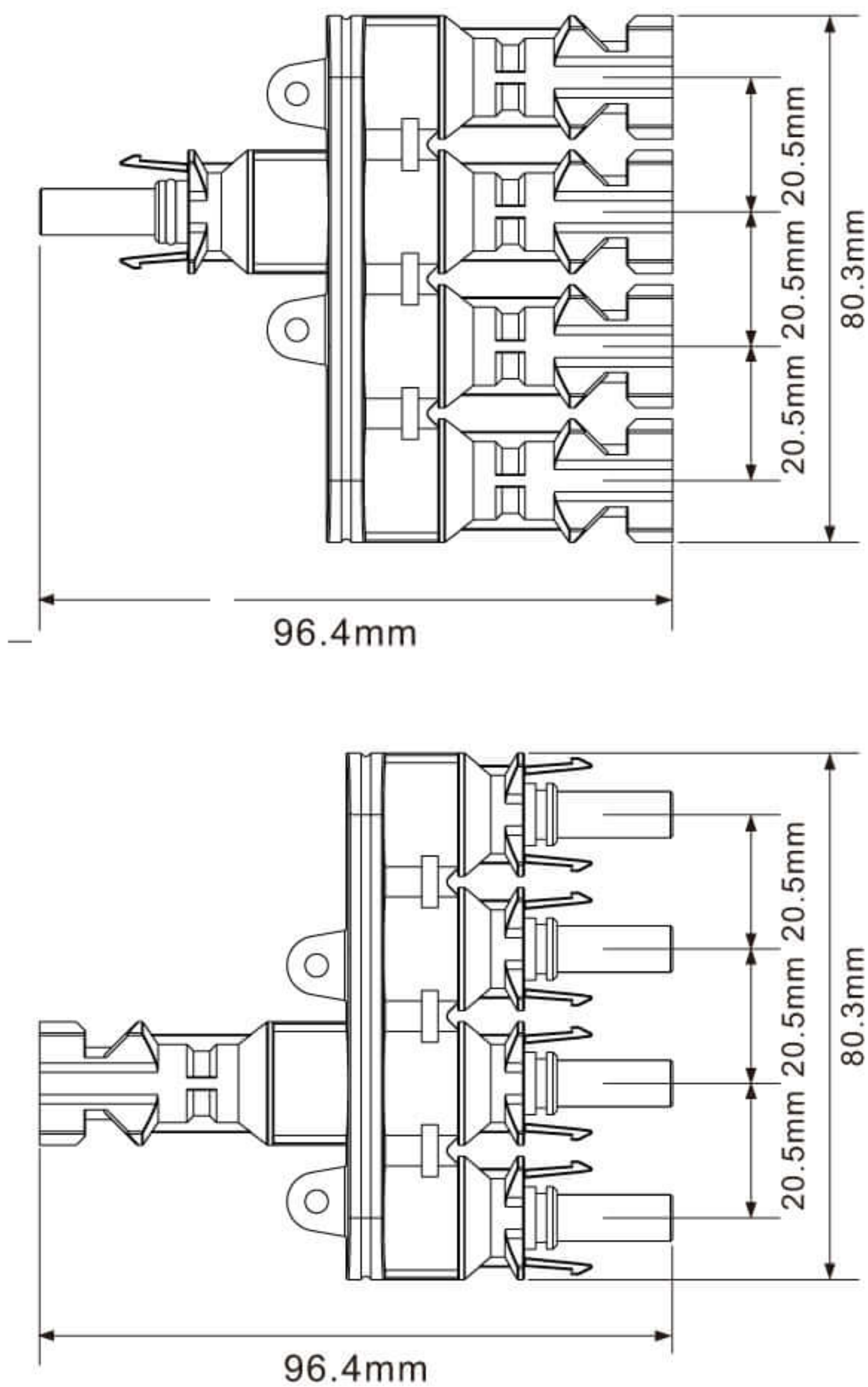
MAIN SPECIALITY / 主要特性

- >> low power loss
低功率损耗
- >> With the capacity of anti-aging and resistance to ultraviolet radiation on the outer cover
具有抗老化和抗紫外线辐射的能力
- >> With convenient installation, strong commonality
安装方便，通用性强
- >> To meet the using requirement under bad outdoor condition
在恶劣的室外条件下，满足使用要求



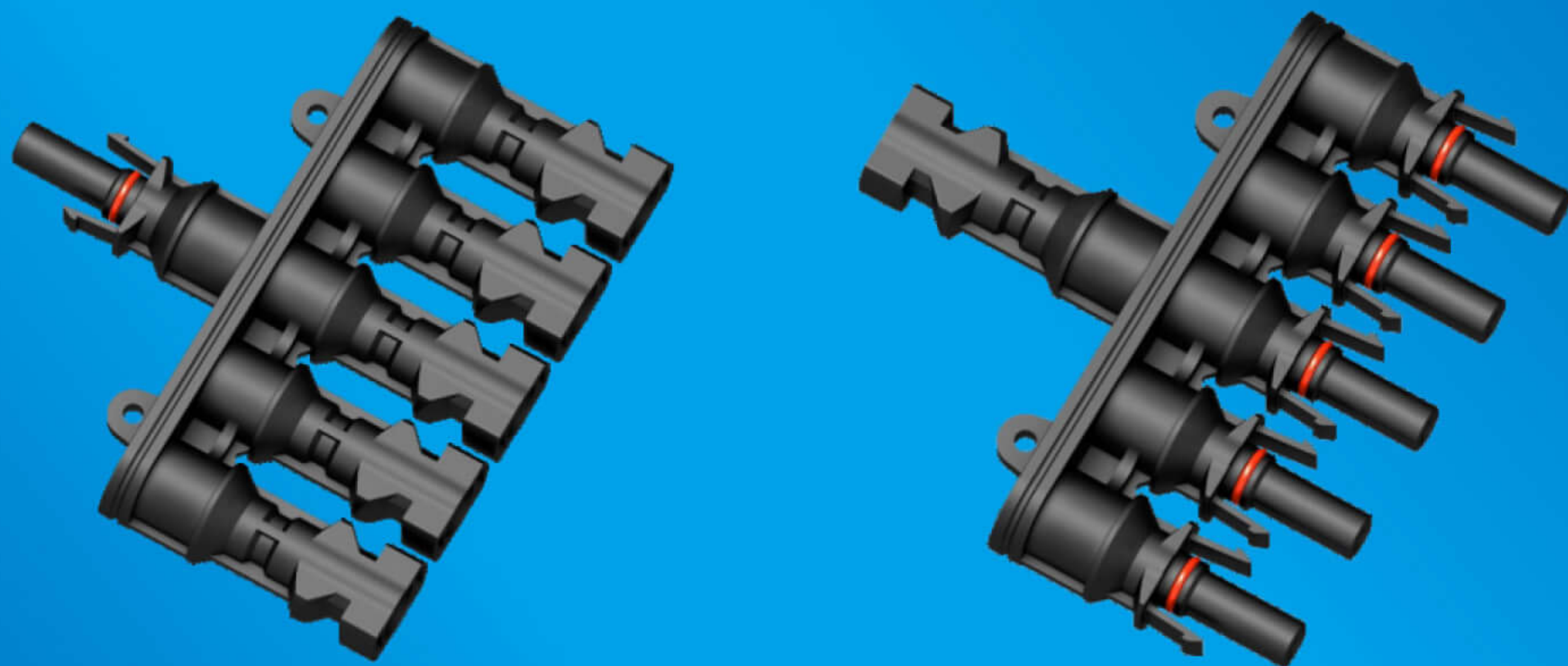
TECHNICAL DATA/ 技术参数

Insulation Material / 绝缘材料	PPO
Contact Material / 接触材料	Copper, Tin plated
Rated Current / 额定电流	30A
Rated Voltage / 额定电压	1000V (TUV) 600V (UL)
Test Voltage / 测试电压	8KV (TUV50HZ,1min)
Contact Resistance / 接触电阻	<0.5mΩ
Degree Of Protection / 防护等级	IP 67
Ambient Temperature Range / 环境温度范围	-40℃~ +85℃
Flame Class / 阻燃等级	UL 94-V0
Safety Class / 安全等级	II
Pin Dimensions / 插针尺寸	Ø4mm



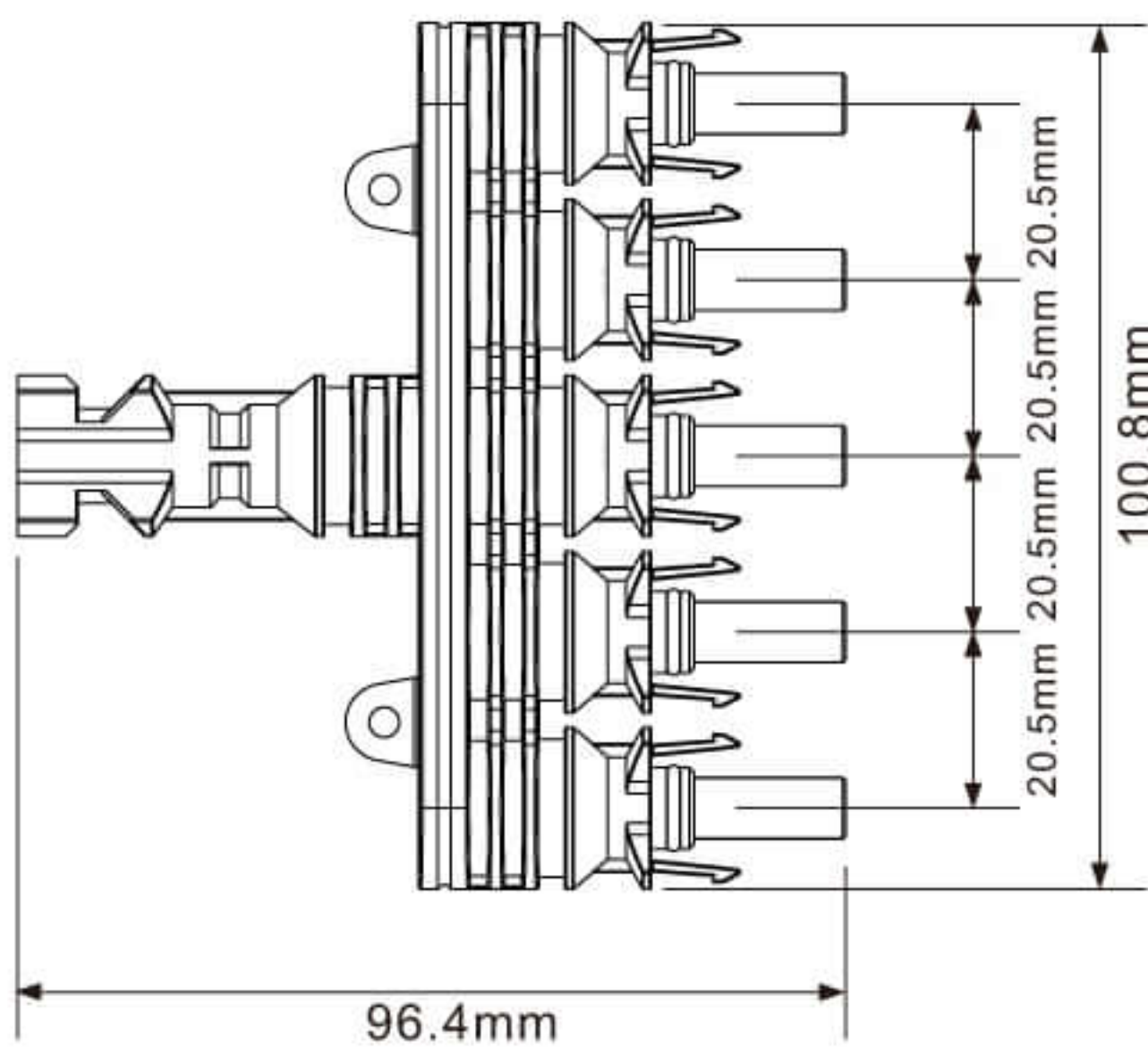
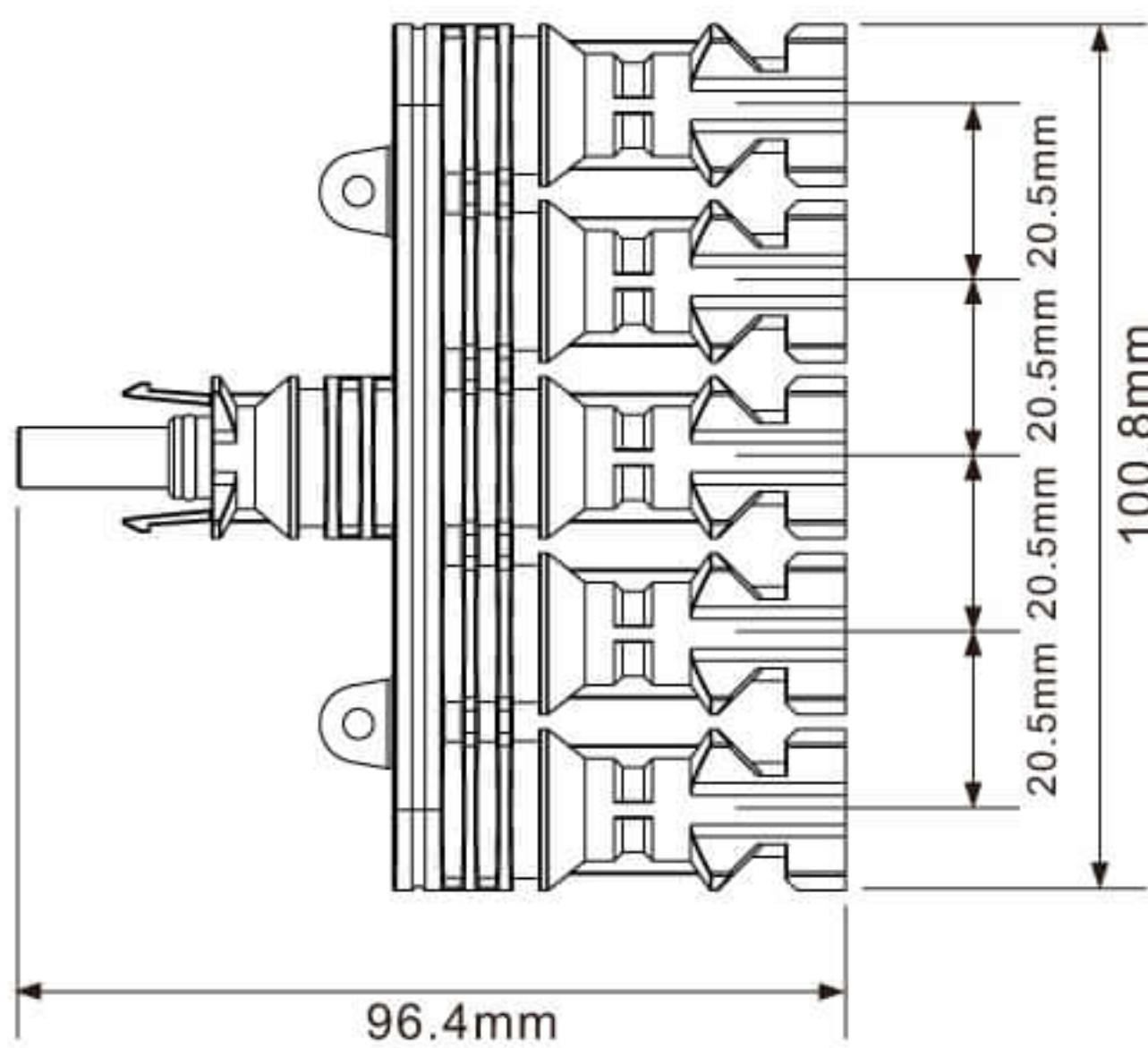
MAIN SPECIALITY / 主要特性

- >> low power loss
低功率损耗
- >> With the capacity of anti-aging and resistance to ultraviolet radiation on the outer cover
具有抗老化和抗紫外线辐射的能力
- >> With convenient installation, strong commonality
安装方便，通用性强
- >> To meet the using requirement under bad outdoor condition
在恶劣的室外条件下，满足使用要求



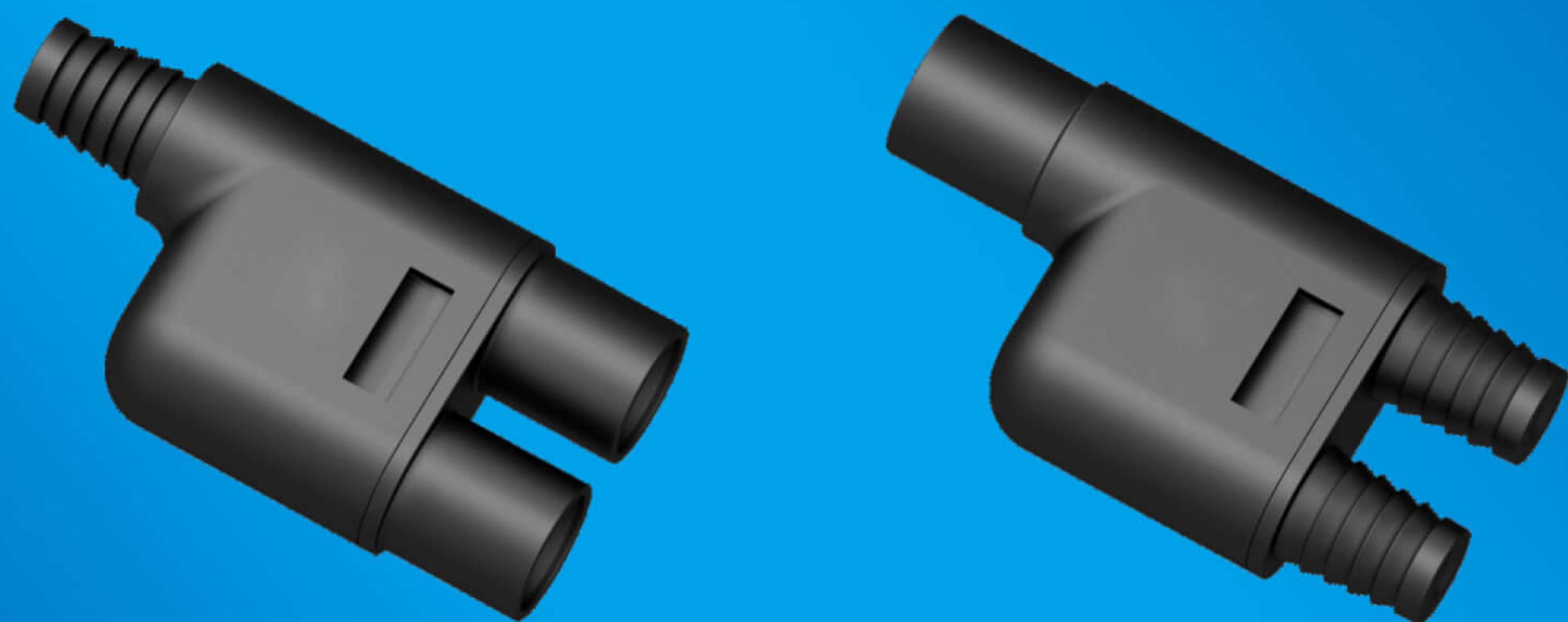
TECHNICAL DATA/ 技术参数

Insulation Material / 绝缘材料	PPO
Contact Material / 接触材料	Copper, Tin plated
Rated Current / 额定电流	30A
Rated Voltage / 额定电压	1000V (TUV) 600V (UL)
Test Voltage / 测试电压	8KV (TUV50HZ,1min)
Contact Resistance / 接触电阻	<0.5mΩ
Degree Of Protection / 防护等级	IP 67
Ambient Temperature Range / 环境温度范围	-40℃~ +85℃
Flame Class / 阻燃等级	UL 94-V0
Safety Class / 安全等级	II
Pin Dimensions / 插针尺寸	Ø4mm



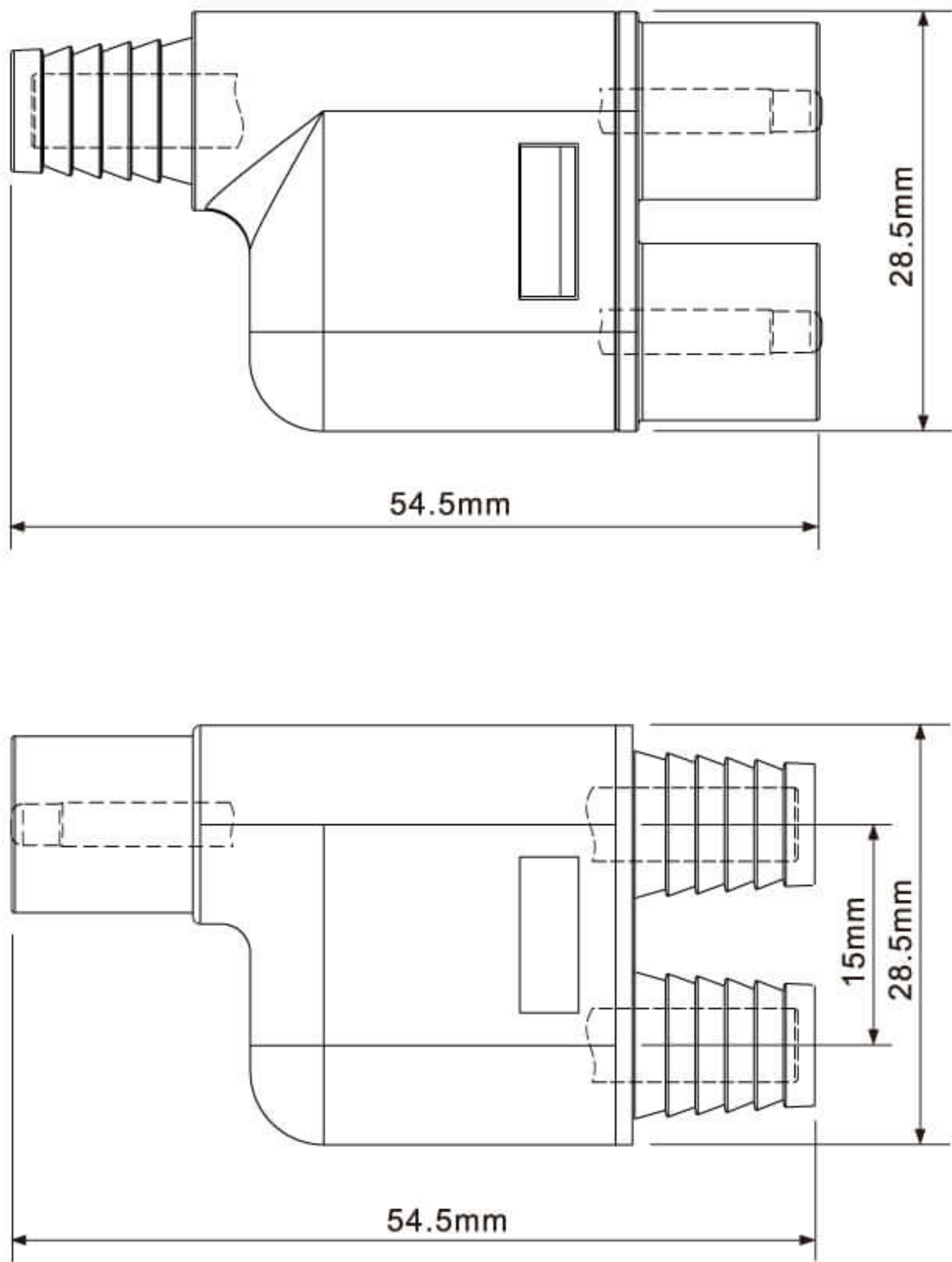
MAIN SPECIALITY / 主要特性

- >> low power loss
低功率损耗
- >> With the capacity of anti-aging and resistance to ultraviolet radiation on the outer cover
具有抗老化和抗紫外线辐射的能力
- >> With convenient installation, strong commonality
安装方便，通用性强
- >> To meet the using requirement under bad outdoor condition
在恶劣的室外条件下，满足使用要求



TECHNICAL DATA/ 技术参数

Insulation Material / 绝缘材料	PA66
Contact Material / 接触材料	Copper, Tin plated
Rated Current / 额定电流	30A
Rated Voltage / 额定电压	1000V (TUV) 600V (UL)
Test Voltage / 测试电压	8KV (TUV50HZ,1min)
Contact Resistance / 接触电阻	<0.5mΩ
Degree Of Protection / 防护等级	IP 65
Ambient Temperature Range / 环境温度范围	-40℃~ +85℃
Flame Class / 阻燃等级	UL 94-V0
Safety Class / 安全等级	II
Pin Dimensions / 插针尺寸	Ø3mm



MAIN SPECIALITY / 主要特性

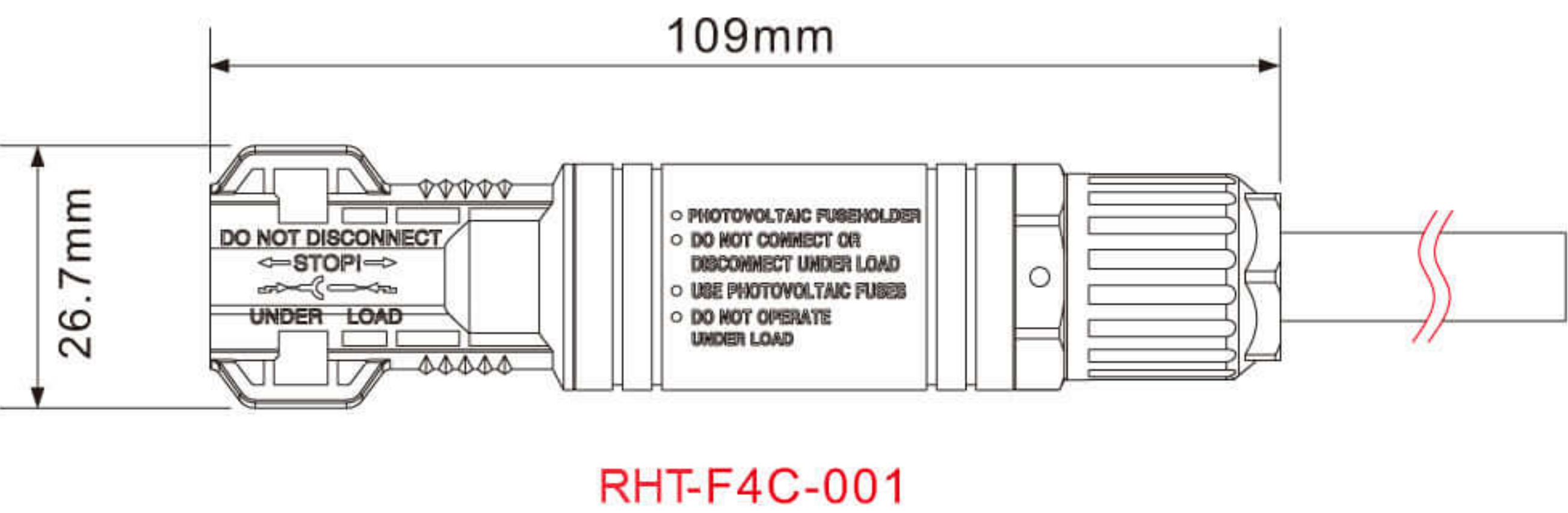
- >> low power loss
低功率损耗
- >> With the capacity of anti-aging and resistance to ultraviolet radiation on the outer cover
具有抗老化和抗紫外线辐射的能力
- >> With convenient installation, strong commonality
安装方便，通用性强
- >> To meet the using requirement under bad outdoor condition
在恶劣的室外条件下，满足使用要求

RHT-F4C 4.0 Fuse series/ 熔断器系列

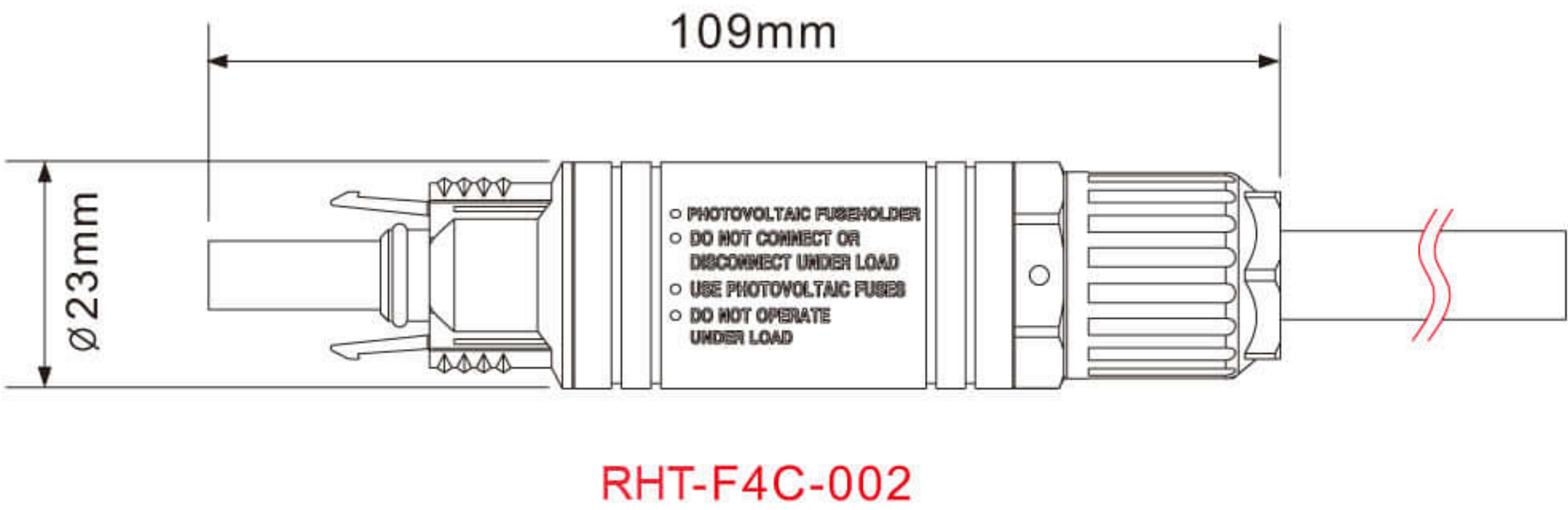


TECHNICAL DATA/ 技术参数

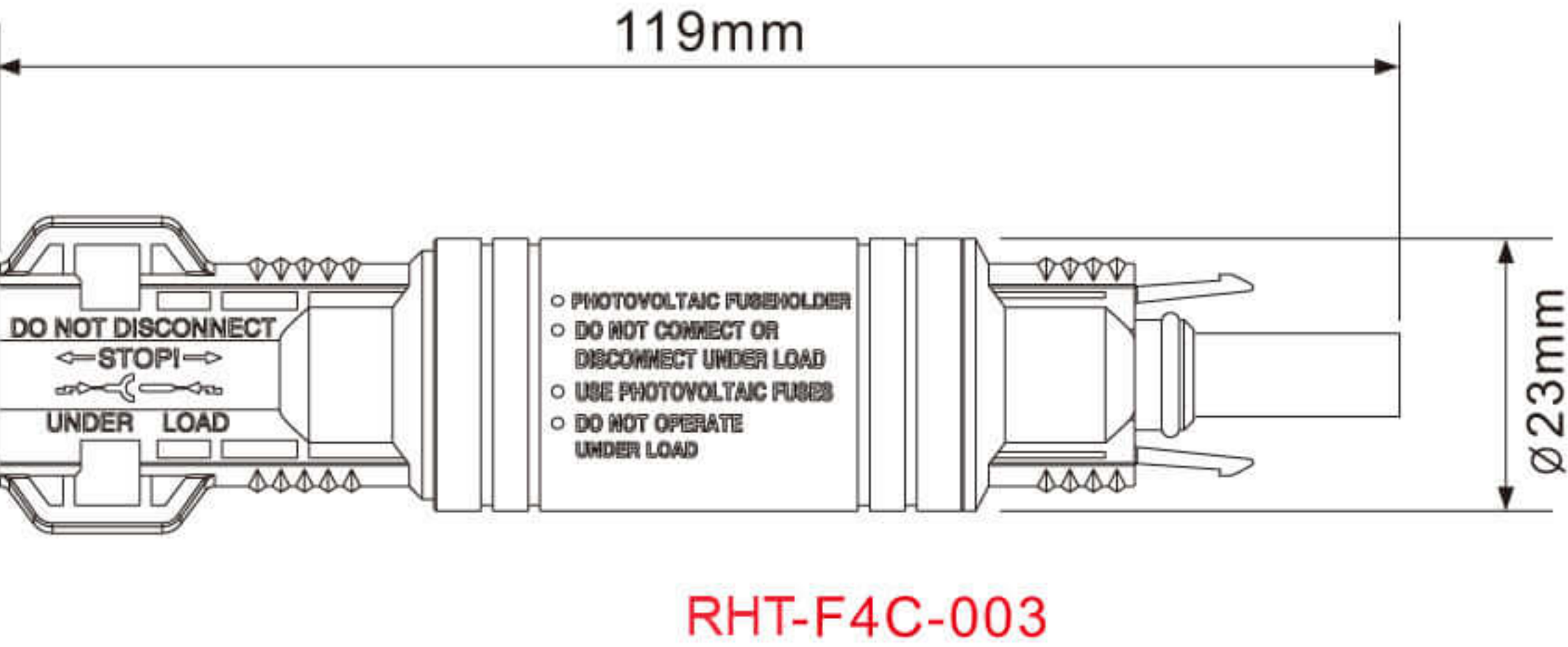
Description	Connector Version	Wire Overmold Version
Insulation Material / 绝缘材料	PC	
Contact Material / 接触材料	铆铜，镀锡 C3602, Tin plated	
Rated Current / 额定电流	1 , 2 , 3 , 3.5 , 4 , 5 , 6 , 8 , 10 , 12 , 15 , 20A	
Rated Voltage / 额定电压	1000V (TUV) 1000V (UL)	
Test Voltage / 测试电压	8KV (TUV50HZ,1min)	
Contact Resistance / 接触电阻	<0.5m Ω	
Degree Of Protection / 防护等级	IP 68	
Ambient Temperature Range / 环境温度范围	-40℃~ +85℃	
Flame Class / 阻燃等级	UL 94-V0	
Safety Class / 安全等级	II	
Connector Options / 连接器选择	F4C Connector	F4C Wire Connector
Cable Options / 电缆选择		14 , 12 , 10 , 8AWG



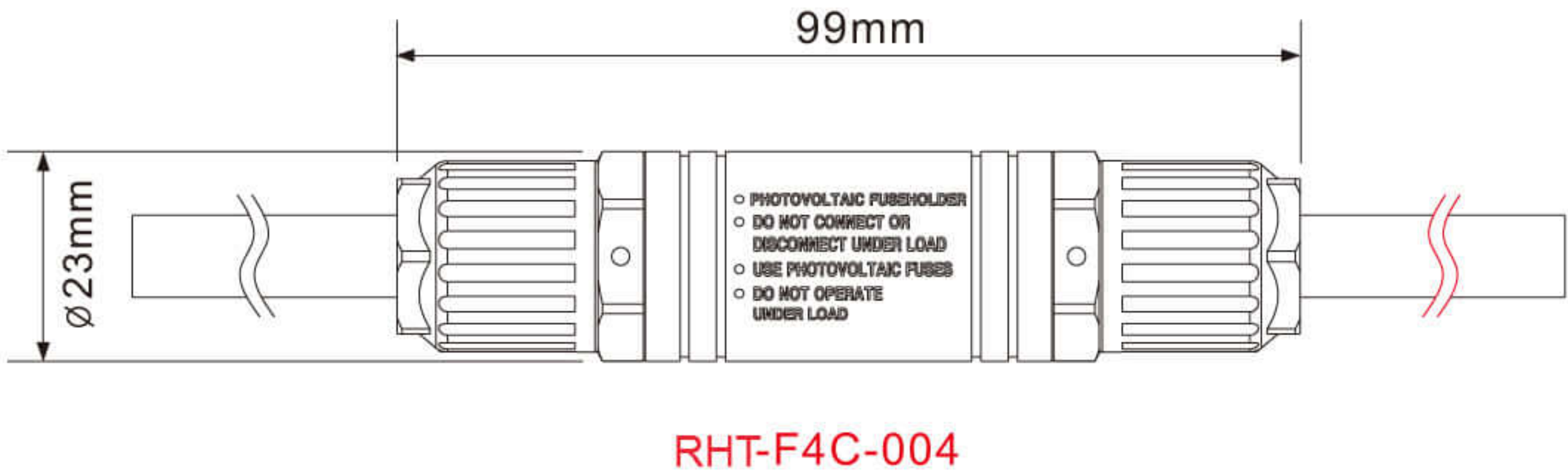
RHT-F4C-001



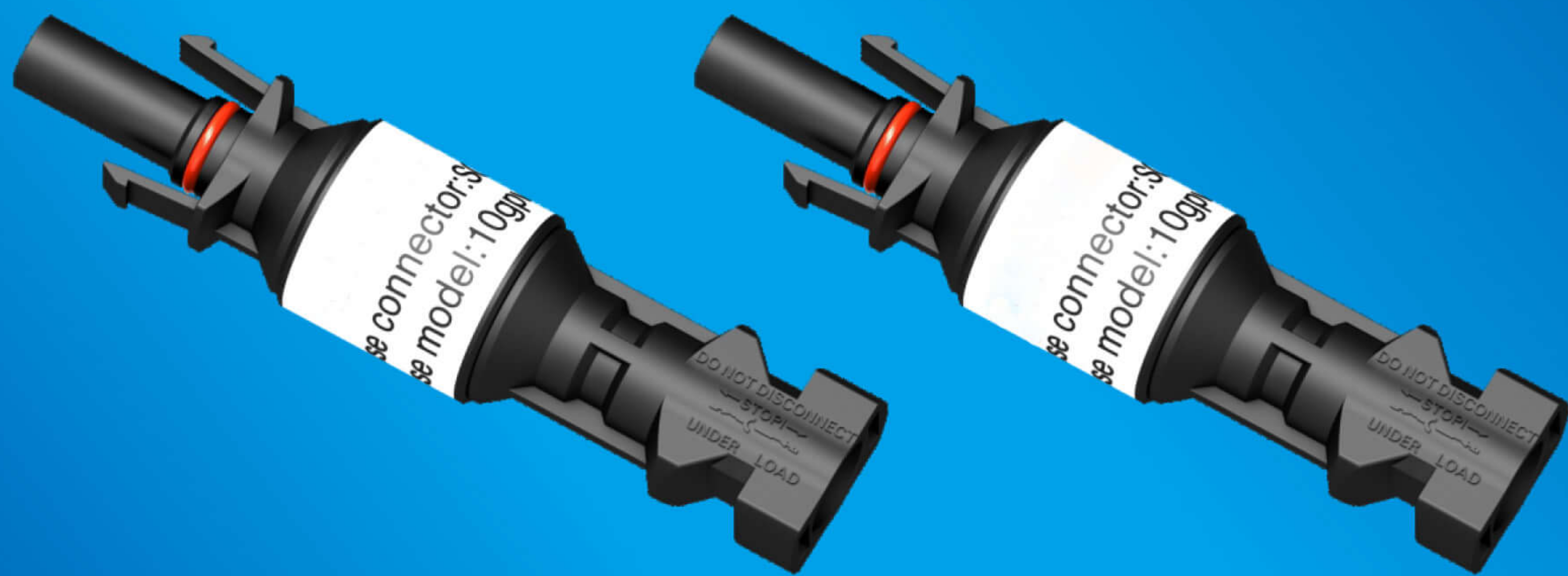
RHT-F4C-002



RHT-F4C-003

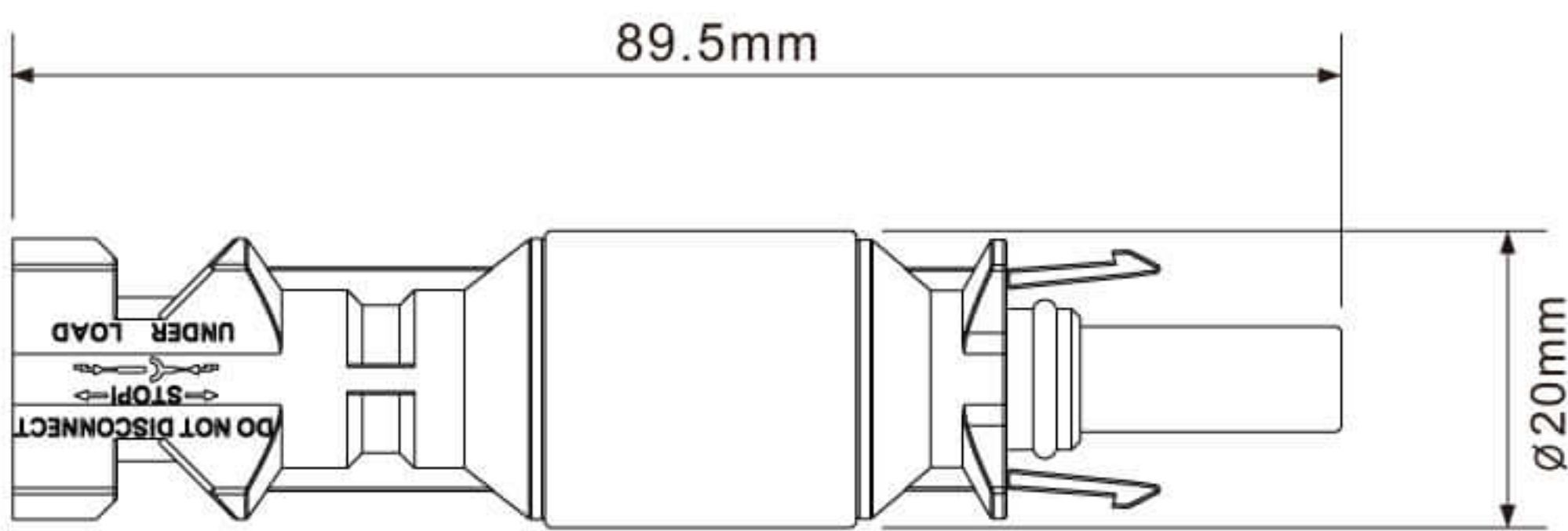


RHT-F4C-004



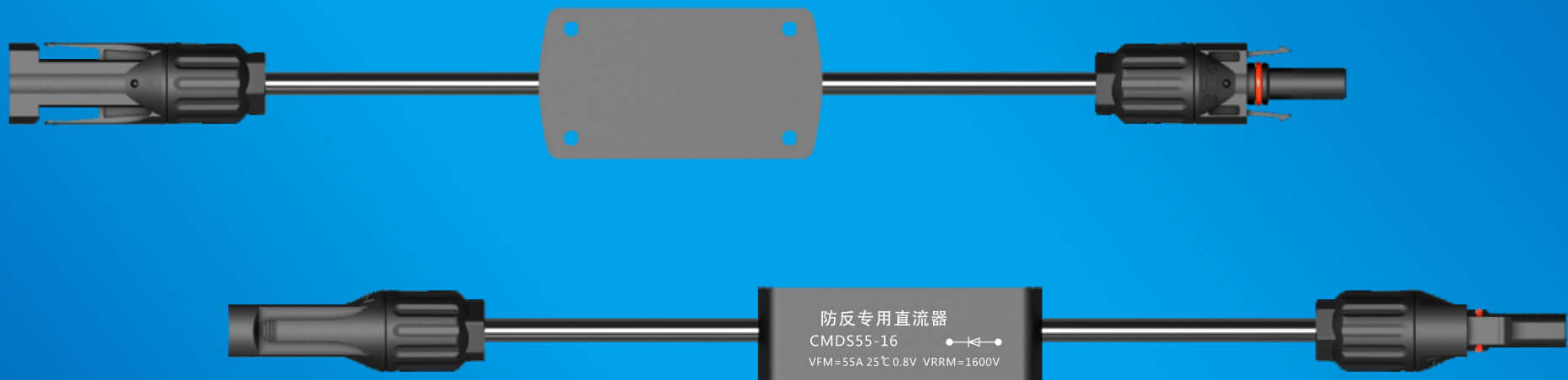
TECHNICAL DATA/ 技术参数

Insulation Material / 绝缘材料	PPO
Contact Material / 接触材料	Copper, Tin plated
Rated Current / 额定电流	1-8A
Rated Voltage / 额定电压	1000V (TUV) 600V (UL)
Test Voltage / 测试电压	8KV (TUV50HZ,1min)
Contact Resistance / 接触电阻	<0.5mΩ
Degree Of Protection / 防护等级	IP 67
Ambient Temperature Range / 环境温度范围	-40℃~ +85℃
Flame Class / 阻燃等级	UL 94-V0
Safety Class / 安全等级	II
Pin Dimensions / 插针尺寸	Ø4mm



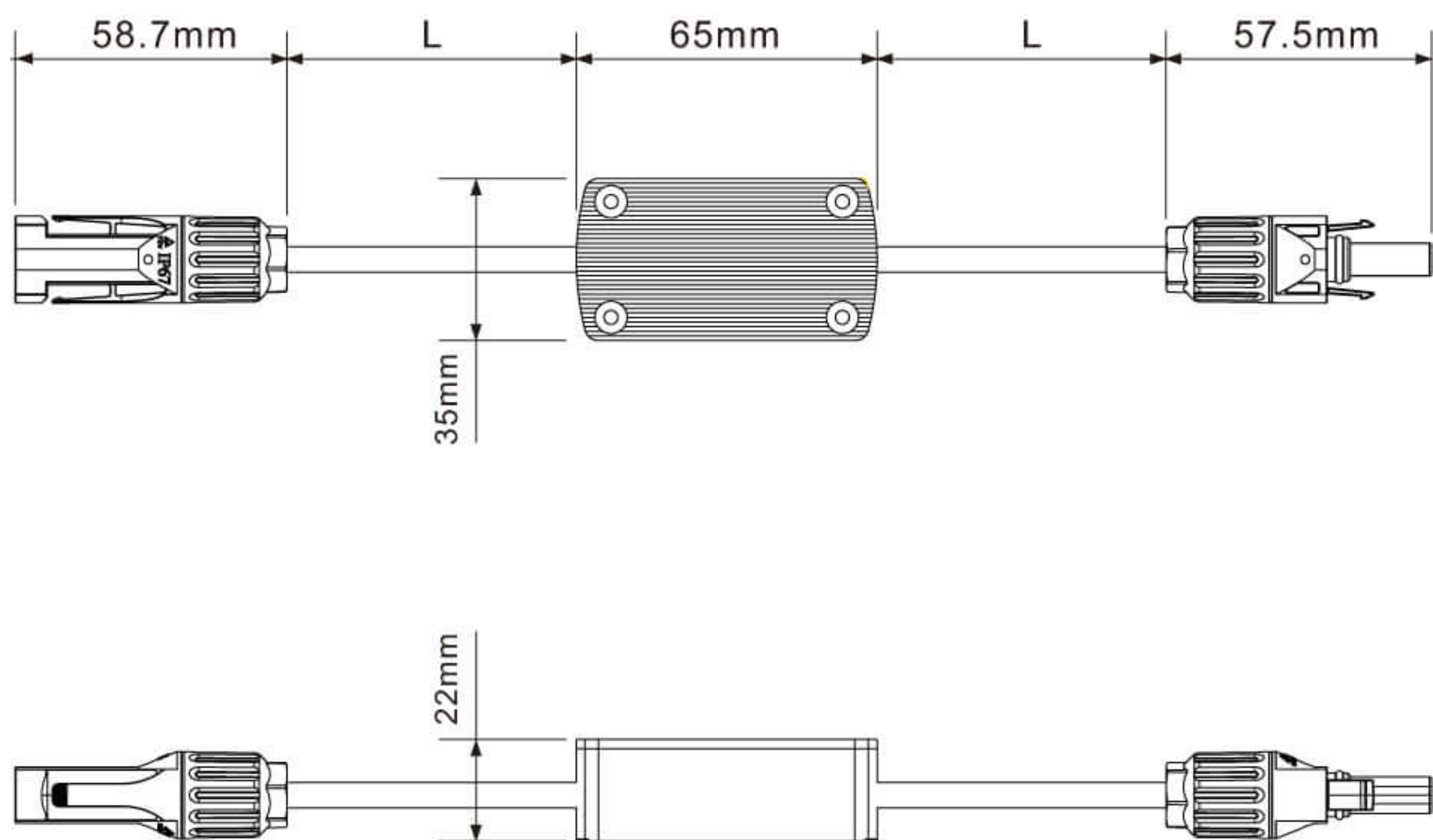
MAIN SPECIALITY/ 主要特性

- >> The Diode series connectors
二极管系列连接器
- >> low power loss
低功率损耗
- >> With the capacity of anti-aging and resistance to ultraviolet radiation on the outer cover
具有抗老化和抗紫外线辐射的能力
- >> With convenient installation, strong commonality
安装方便，通用性强



TECHNICAL DATA/ 技术参数

Insulation Material / 绝缘材料	Aluminum+PPO
Contact Material / 接触材料	Copper, Tin plated
Rated Current / 额定电流	30A
Rated Voltage / 额定电压	1000V (TUV) 600V (UL)
Test Voltage / 测试电压	8KV (TUV50HZ,1min)
Contact Resistance / 接触电阻	<0.5mΩ
Degree Of Protection / 防护等级	IP 67
Ambient Temperature Range / 环境温度范围	-40℃~ +85℃
Flame Class / 阻燃等级	UL 94-V0
Safety Class / 安全等级	II
Pin Dimensions / 插针尺寸	Ø4mm



MAIN SPECIALITY/ 主要特性

- >> The Diode series connectors
二极管系列连接器
- >> low power loss
低功率损耗
- >> With the capacity of anti-aging and resistance to ultraviolet radiation on the outer cover
具有抗老化和抗紫外线辐射的能力
- >> With convenient installation, strong commonality
安装方便，通用性强

JB1 Junction box

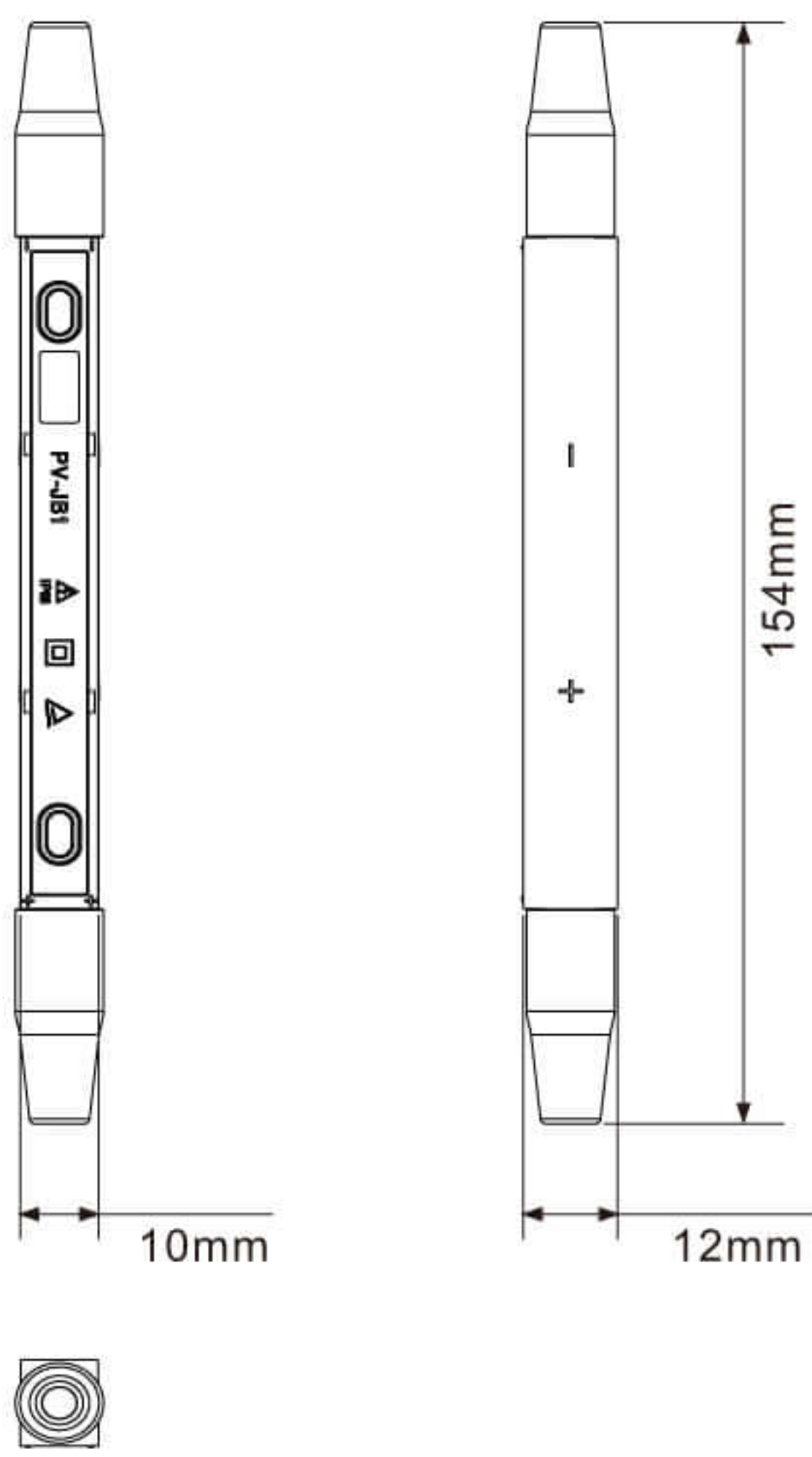
RoHS



BIPV Junction box/ 幕墙接线盒

TECHNICAL DATA/ 技术参数

Insulation Material / 绝缘材料	PPO
Contact Material / 接触材料	Copper, Tin plated
Rated Current / 额定电流	5A
Rated Voltage / 额定电压	1000V (TUV) 600V (UL)
Test Voltage / 测试电压	8KV (TUV50HZ,1min)
Contact Resistance / 接触电阻	<0.5mΩ
Degree Of Protection / 防护等级	IP 65
Ambient Temperature Range / 环境温度范围	-40℃~ +85℃
Flame Class / 阻燃等级	UL 94-V0
Safety Class / 安全等级	II



Conductor cross section 导线截面积	14 / 12 AWG 2.5 / 4.0 mm²
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MAIN SPECIALITY / 主要特性

- >> low power loss
低功率损耗
- >> With the capacity of anti-aging and resistance to ultraviolet radiation on the outer cover
具有抗老化和抗紫外线辐射的能力
- >> To meet the using requirement under bad outdoor condition
在恶劣的室外条件下，满足使用要求

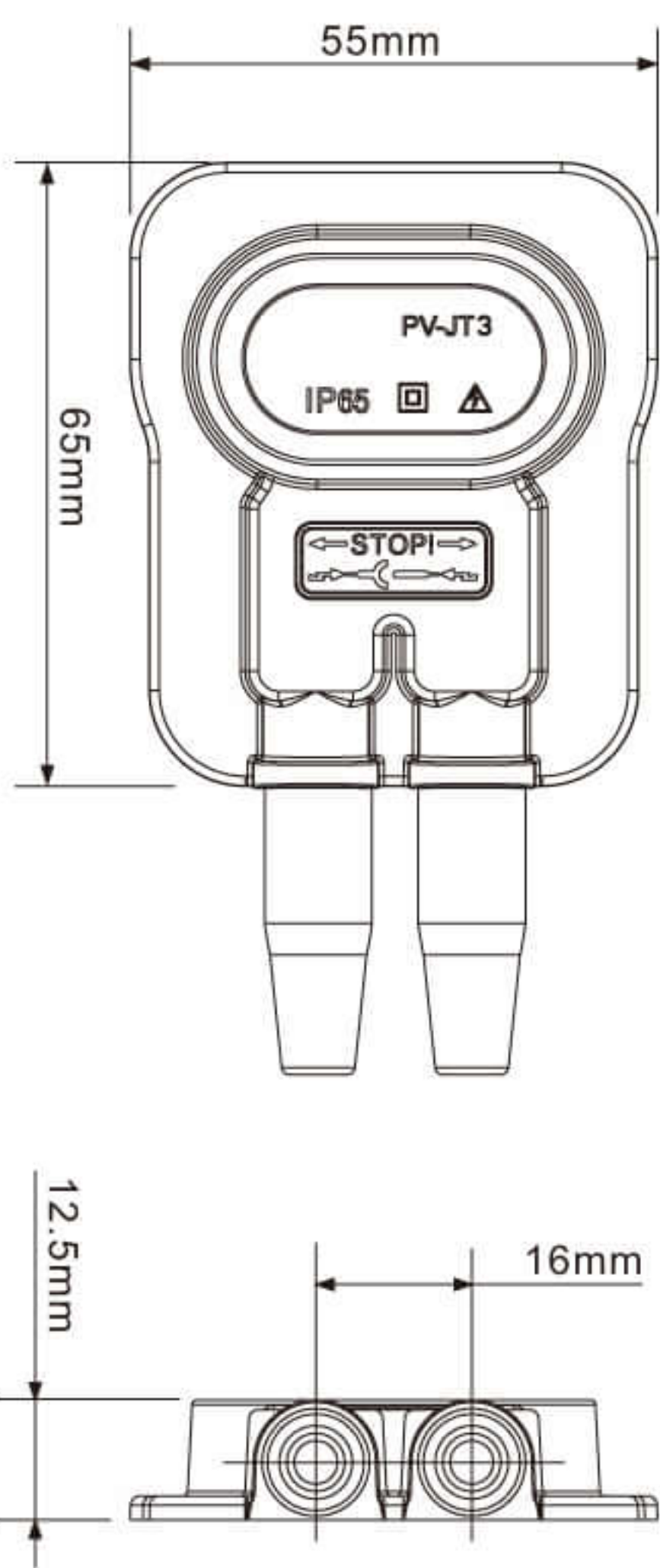
JT3 Junction box



2-Rail junction box (for thin film)/ 两线带薄膜接线盒

TECHNICAL DATA/ 技术参数

Insulation Material / 绝缘材料	PPO
Contact Material / 接触材料	Copper, Tin plated
Rated Current / 额定电流	5A
Rated Voltage / 额定电压	1000V (TUV) 600V (UL)
Test Voltage / 测试电压	8KV (TUV50HZ,1min)
Contact Resistance / 接触电阻	<0.5mΩ
Degree Of Protection / 防护等级	IP 65
Ambient Temperature Range / 环境温度范围	-40℃~ +85℃
Flame Class / 阻燃等级	UL 94-V0
Safety Class / 安全等级	II



Conductor cross section	14 / 12 AWG
导线截面积	2.5 / 4.0 mm ²

MAIN SPECIALITY / 主要特性

- >> low power loss
低功率损耗
- >> With the capacity of anti-aging and resistance to ultraviolet radiation on the outer cover
具有抗老化和抗紫外线辐射的能力
- >> To meet the using requirement under bad outdoor condition
在恶劣的室外条件下，满足使用要求

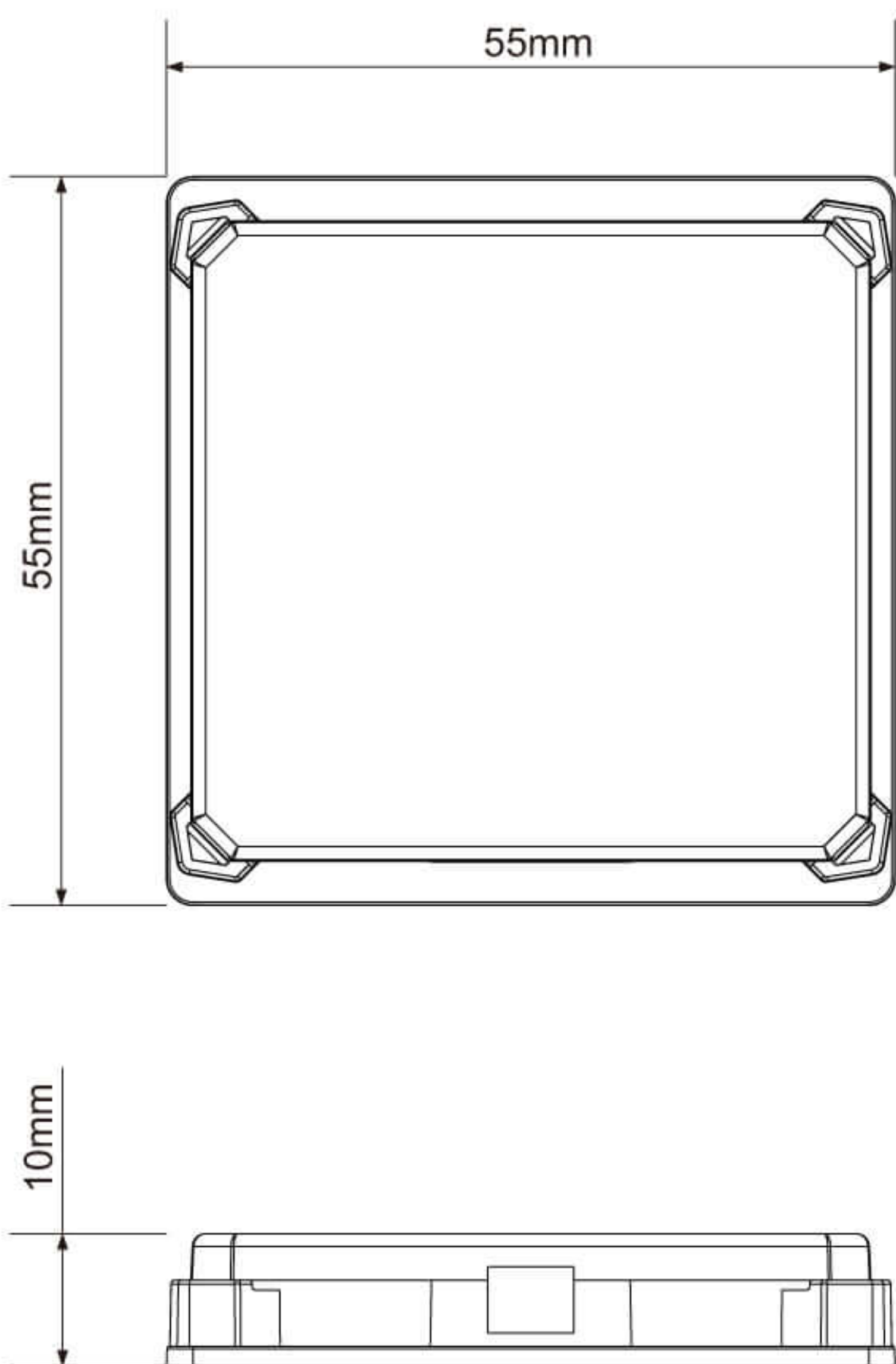
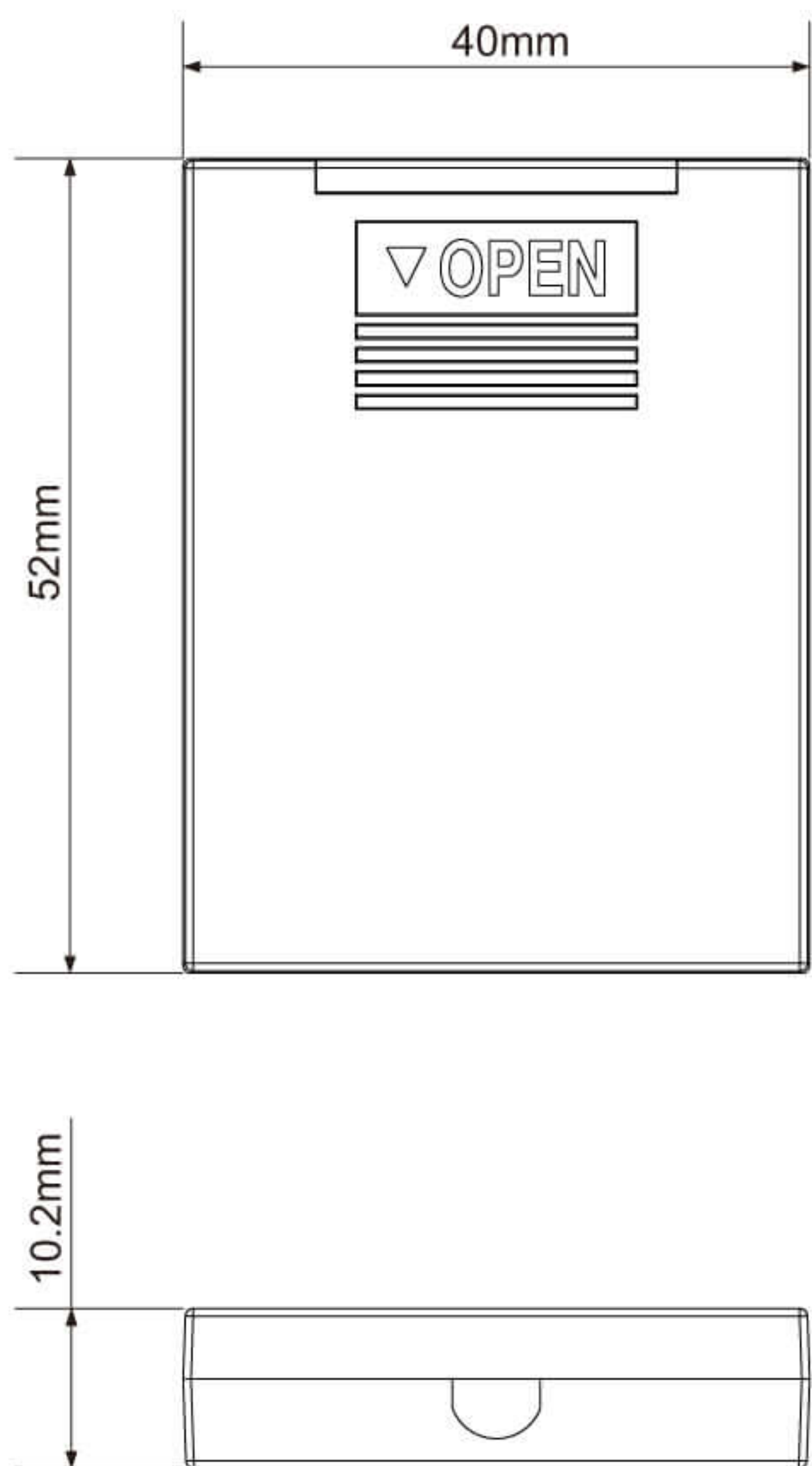


JB2-B Junction box



JB2-C Junction box

2-Rail junction box/ 两线带接线盒



TECHNICAL DATA/ 主要特性

Insulation Material / 绝缘材料	ABS	Contact Resistance / 接触电阻	<5mΩ
Contact Material / 接触材料	Copper, Tin plated	Ambient Temperature Range / 环境温度范围	-40℃~ +85℃
Rated Current / 额定电流	5A	Flame Class / 阻燃等级	UL 94-V0
Rated Voltage / 额定电压	1000V (TUV) 600V (UL)	Safety Class / 安全等级	II
Test Voltage / 测试电压	8KV (TUV50HZ,1min)		

JB2 Junction box

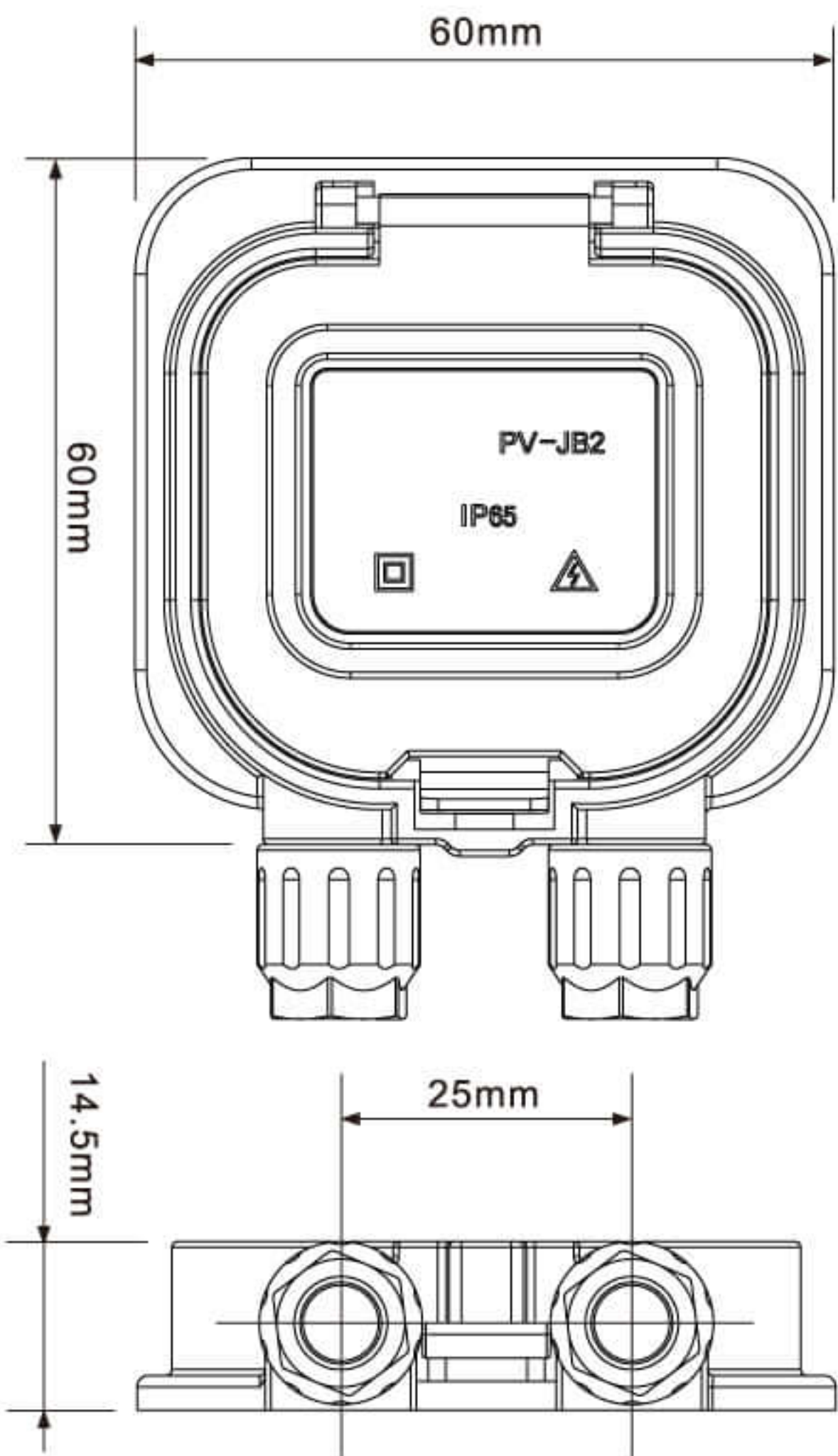
RoHS



2-Rail junction box/ 两线带接线盒

TECHNICAL DATA/ 技术参数

Insulation Material / 绝缘材料	PPO
Contact Material / 接触材料	Copper, Tin plated
Rated Current / 额定电流	5A
Rated Voltage / 额定电压	1000V (TUV) 600V (UL)
Test Voltage / 测试电压	8KV (TUV50HZ,1min)
Contact Resistance / 接触电阻	<0.5mΩ
Degree Of Protection / 防护等级	IP 65
Ambient Temperature Range / 环境温度范围	-40℃~ +85℃
Flame Class / 阻燃等级	UL 94-V0
Safety Class / 安全等级	II



Conductor cross section	16 / 14 / 12AWG
导线截面积	1.5 / 2.5 / 4.0mm²

MAIN SPECIALITY / 主要特性

- >> All the connection made by double fixed connection
所有的连接采用双固定连接
- >> low power loss
低功率损耗
- >> With the capacity of anti-aging and resistance to ultraviolet radiation on the outer cover
具有抗老化和抗紫外线辐射的能力
- >> To meet the using requirement under bad outdoor condition
在恶劣的室外条件下，满足使用要求

JB3 Junction box

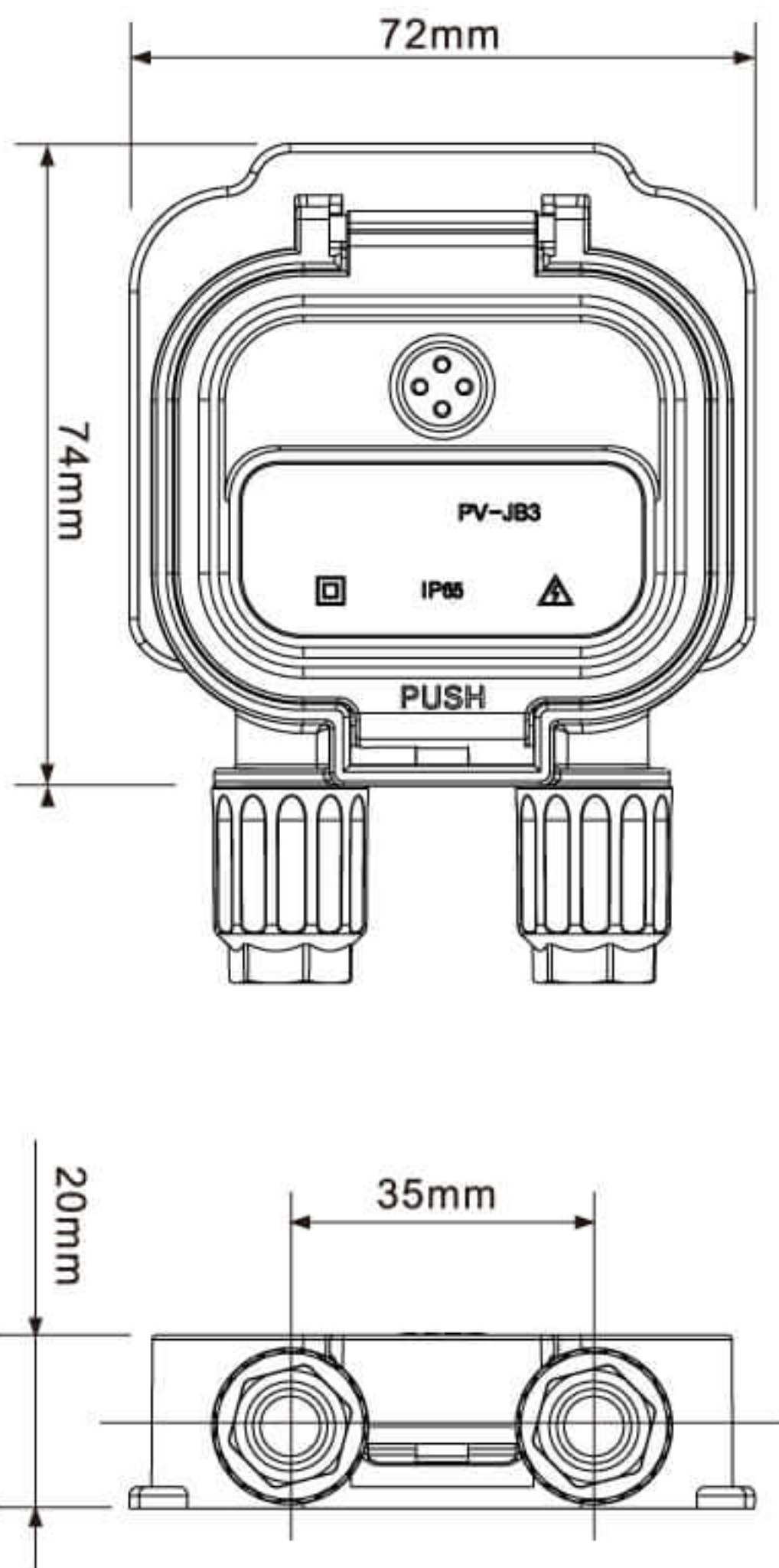
RoHS



3-Rail junction box/ 三线带接线盒

TECHNICAL DATA/ 技术参数

Insulation Material / 绝缘材料	PPO
Contact Material / 接触材料	Copper, Tin plated
Rated Current / 额定电流	8A
Rated Voltage / 额定电压	1000V (TUV) 600V (UL)
Test Voltage / 测试电压	8KV (TUV50HZ,1min)
Contact Resistance / 接触电阻	<0.5mΩ
Degree Of Protection / 防护等级	IP 65
Ambient Temperature Range / 环境温度范围	-40℃~ +85℃
Flame Class / 阻燃等级	UL 94-V0
Safety Class / 安全等级	II



Conductor cross section 导线截面积	14 / 12 / 10 AWG 2.5 / 4.0 / 6.0 mm ²
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MAIN SPECIALITY / 主要特性

- >> All the connection made by double fixed connection
所有的连接采用双固定连接
- >> low power loss
低功率损耗
- >> With the capacity of anti-aging and resistance to ultraviolet radiation on the outer cover
具有抗老化和抗紫外线辐射的能力
- >> To meet the using requirement under bad outdoor condition
在恶劣的室外条件下，满足使用要求

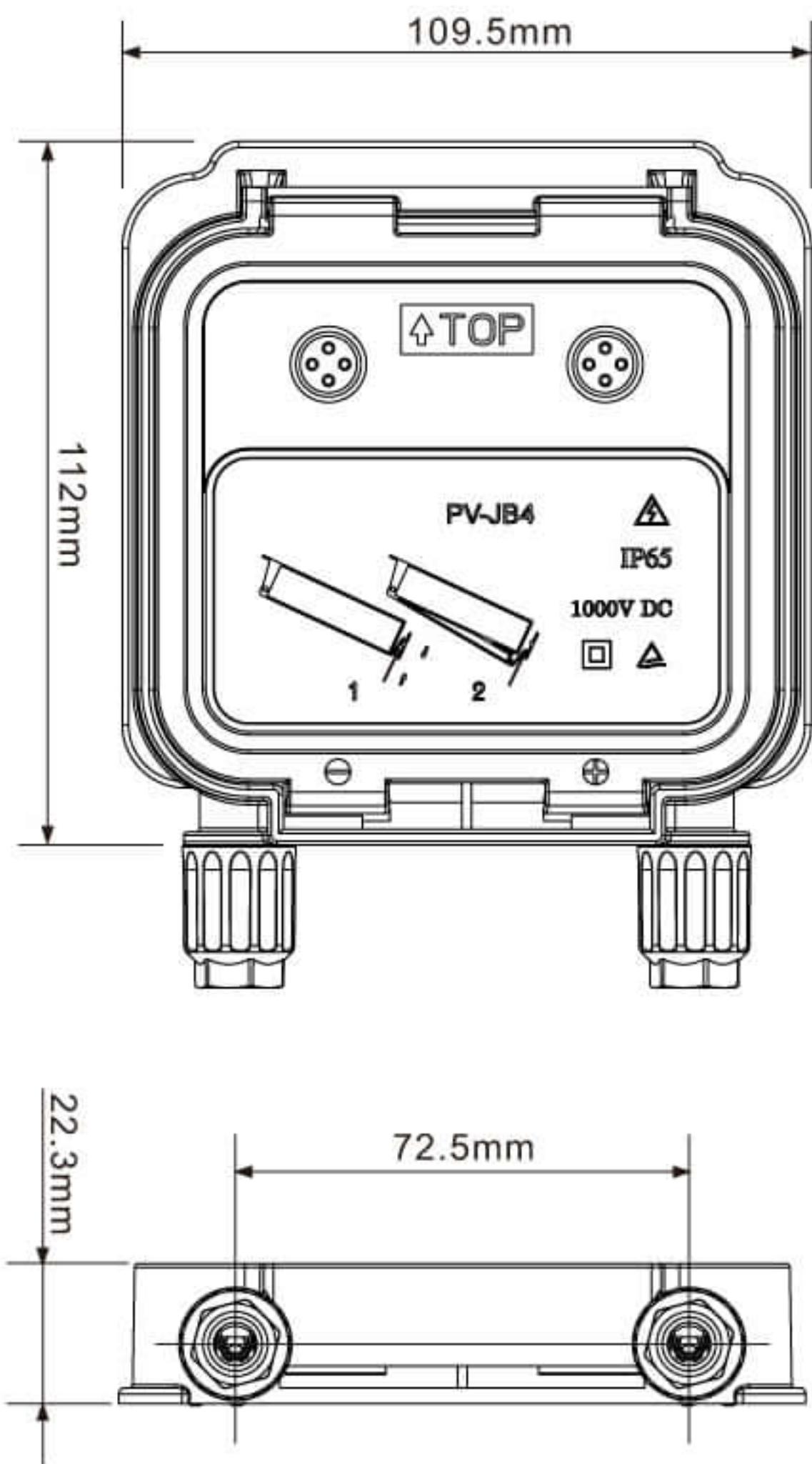
JB4 Junction box



4-Rail junction box/ 四线带接线盒

TECHNICAL DATA/ 技术参数

Insulation Material / 绝缘材料	PPO
Contact Material / 接触材料	Copper, Tin plated
Rated Current / 额定电流	12A
Rated Voltage / 额定电压	1000V (TUV) 600V (UL)
Test Voltage / 测试电压	8KV (TUV50HZ,1min)
Contact Resistance / 接触电阻	<0.5mΩ
Degree Of Protection / 防护等级	IP 65
Ambient Temperature Range / 环境温度范围	-40℃~ +85℃
Flame Class / 阻燃等级	UL 94-V0
Safety Class / 安全等级	II



Conductor cross section	12 / 10 AWG
导线截面积	4.0 / 6.0 mm ²

MAIN SPECIALITY / 主要特性

- >> All the connection made by double fixed connection
所有的连接采用双固定连接
- >> low power loss
低功率损耗
- >> With the capacity of anti-aging and resistance to ultraviolet radiation on the outer cover
具有抗老化和抗紫外线辐射的能力
- >> To meet the using requirement under bad outdoor condition
在恶劣的室外条件下，满足使用要求

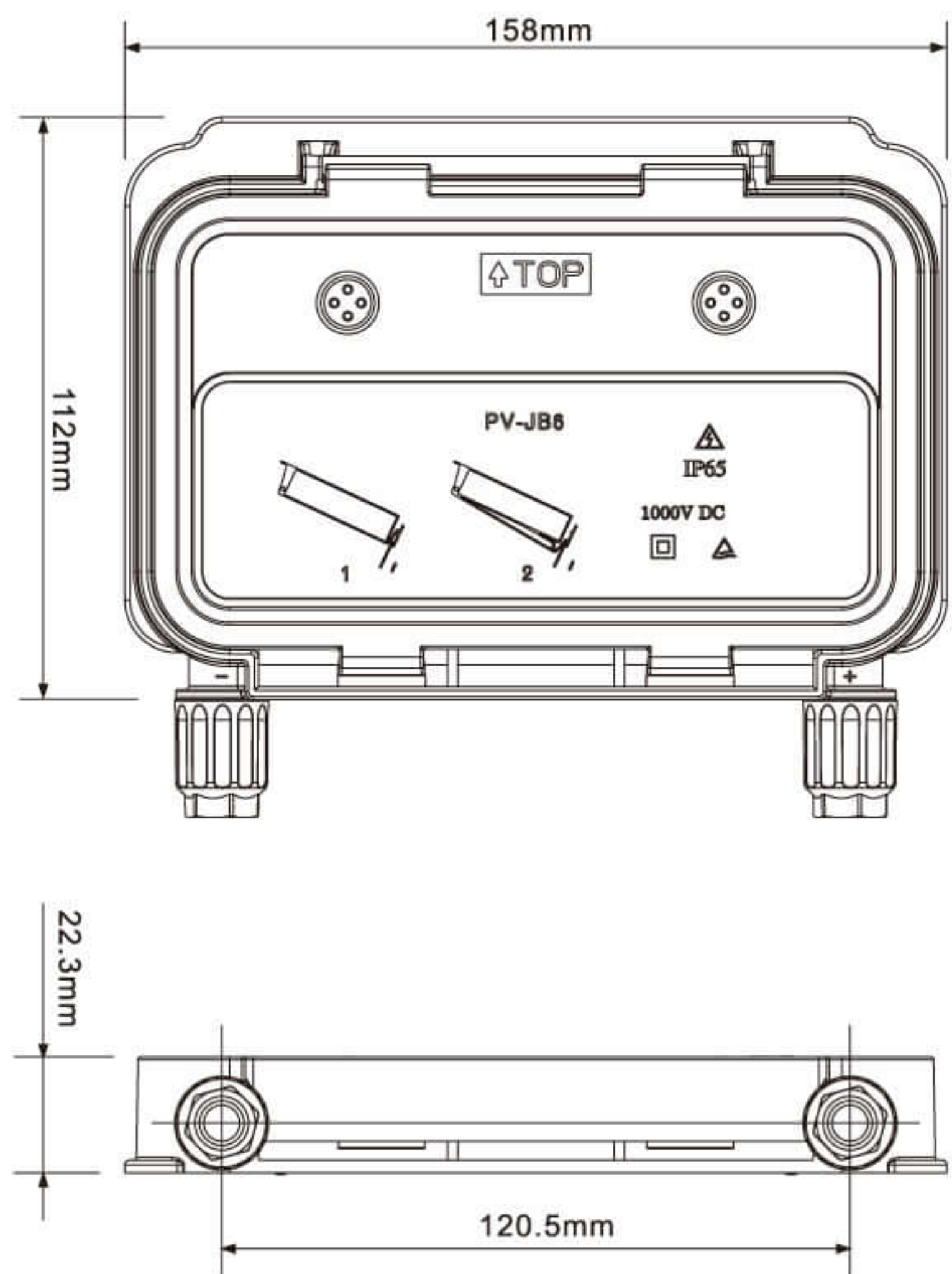
JB6 Junction box



6-Rail junction box/ 六线带接线盒

TECHNICAL DATA/ 技术参数

Insulation Material / 绝缘材料	PPO
Contact Material / 接触材料	Copper, Tin plated
Rated Current / 额定电流	12A
Rated Voltage / 额定电压	1000V (TUV) 600V (UL)
Test Voltage / 测试电压	8KV (TUV50HZ,1min)
Contact Resistance / 接触电阻	<0.5mΩ
Degree Of Protection / 防护等级	IP 65
Ambient Temperature Range / 环境温度范围	-40℃~ +85℃
Flame Class / 阻燃等级	UL 94-V0
Safety Class / 安全等级	II



Conductor cross section 导线截面积	12 / 10 AWG 4.0 / 6.0 mm ²
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MAIN SPECIALITY / 主要特性

- >> All the connection made by double fixed connection
所有的连接采用双固定连接
- >> low power loss
低功率损耗
- >> With the capacity of anti-aging and resistance to ultraviolet radiation on the outer cover
具有抗老化和抗紫外线辐射的能力
- >> To meet the using requirement under bad outdoor condition
在恶劣的室外条件下，满足使用要求



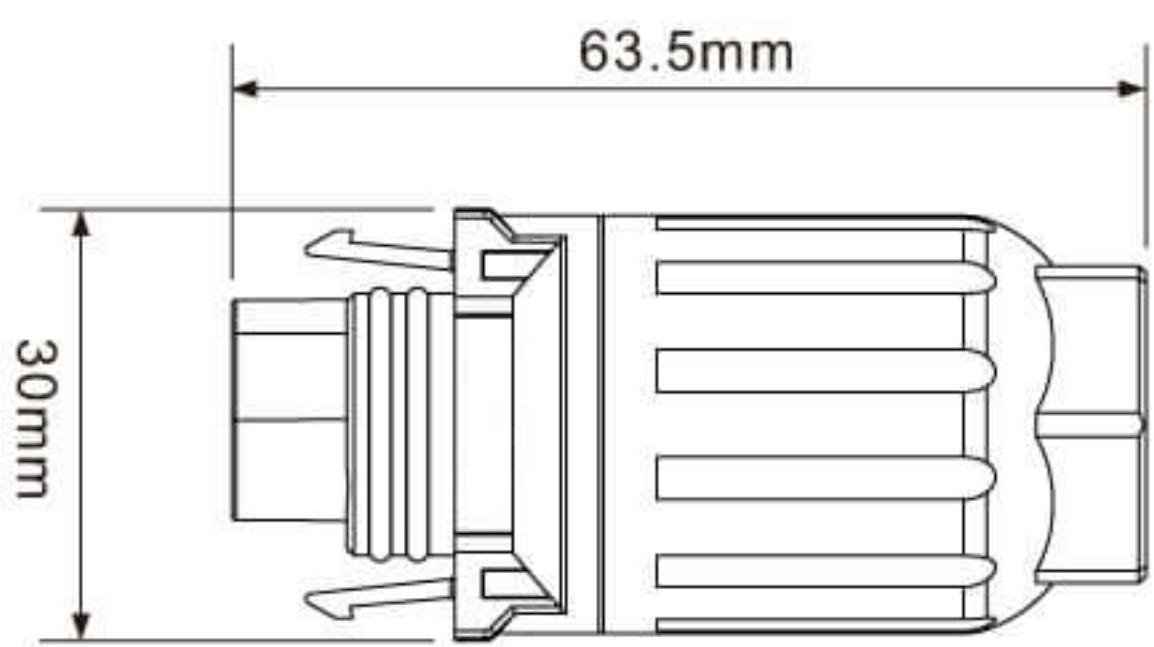
C325 3 Pin AC Connector
3芯交流连接器



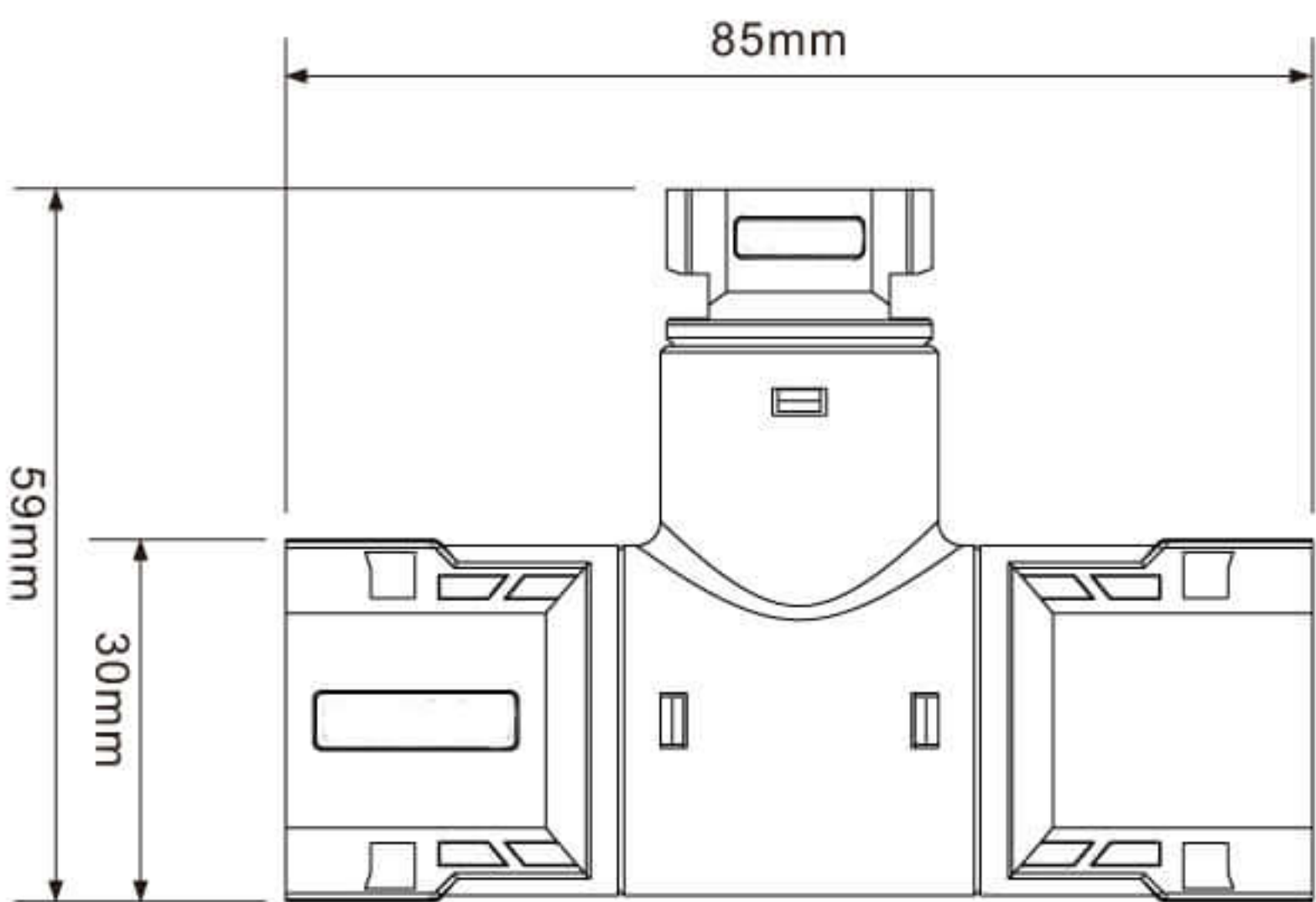
B325 3 Pin AC Branch plug
3芯交流转接头

TECHNICAL DATA/ 技术参数

Insulation Material / 绝缘材料	PPO
Contact Material / 接触材料	Copper, Tin plated
Rated Current / 额定电流	25A
Rated Voltage / 额定电压	250V (TUV) 250V (UL)
Test Voltage / 测试电压	4KV (TUV50HZ,1min)
Contact Resistance / 接触电阻	<0.5mΩ
Degree Of Protection / 防护等级	IP 67
Ambient Temperature Range / 环境温度范围	-40℃~ +85℃
Flame Class / 阻燃等级	UL 94-V0
Safety Class / 安全等级	II
Pin Dimensions / 插针尺寸	Ø2.8mm / 3Pin



RHT-C325



RHT-B325

Conductor cross section	3x14 / 3x12 AWG
导线截面积	3x2.5 / 3x 4.0 mm²

MAIN SPECIALITY / 主要特性

- >> All the connection made by double fixed connection
所有的连接采用双固定连接
- >> low power loss
低功率损耗
- >> With the capacity of anti-aging and resistance to ultraviolet radiation on the outer cover
具有抗老化和抗紫外线辐射的能力
- >> To meet the using requirement under bad outdoor condition
在恶劣的室外条件下，满足使用要求



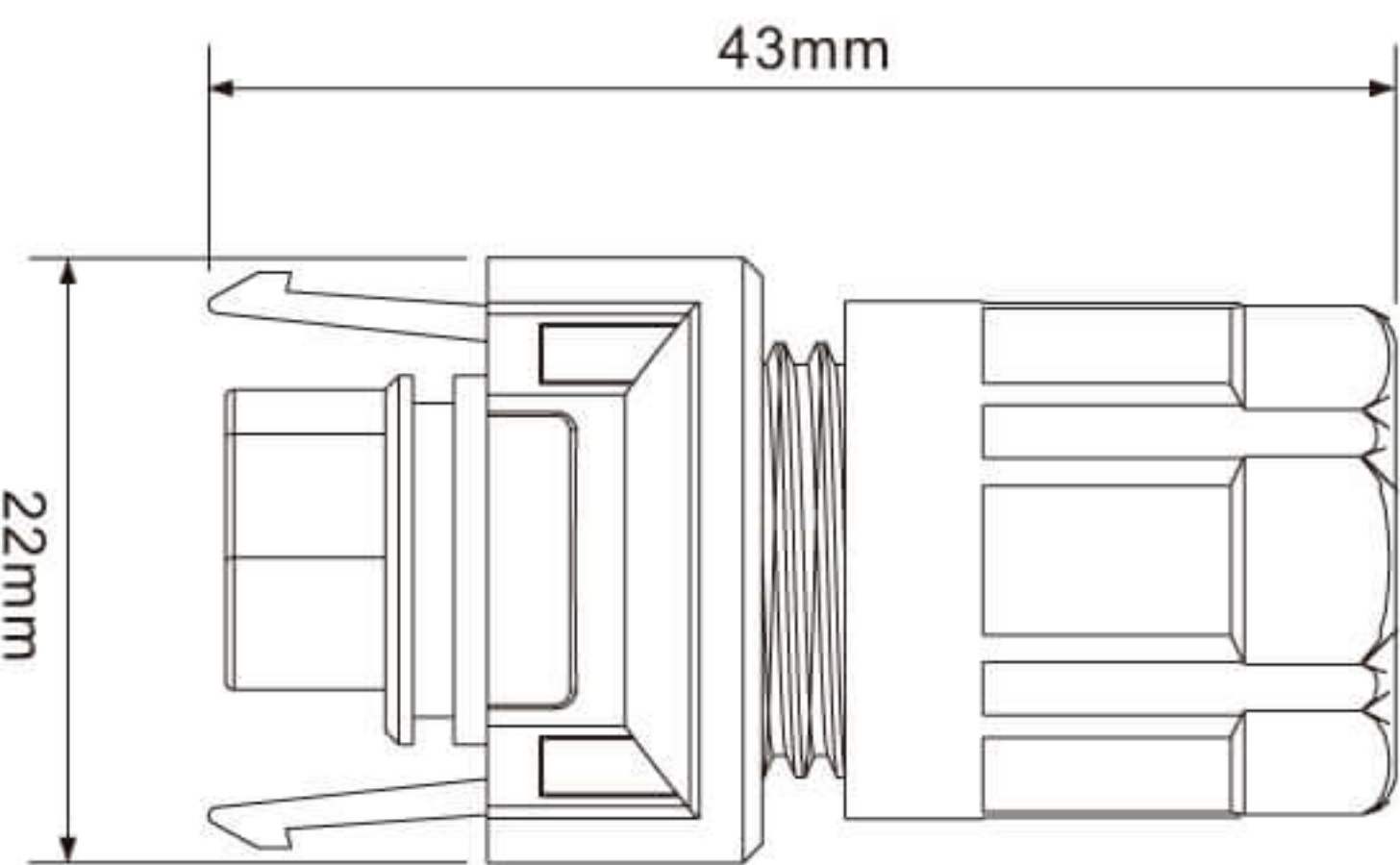
C305 3 Pin Connector
3芯连接器



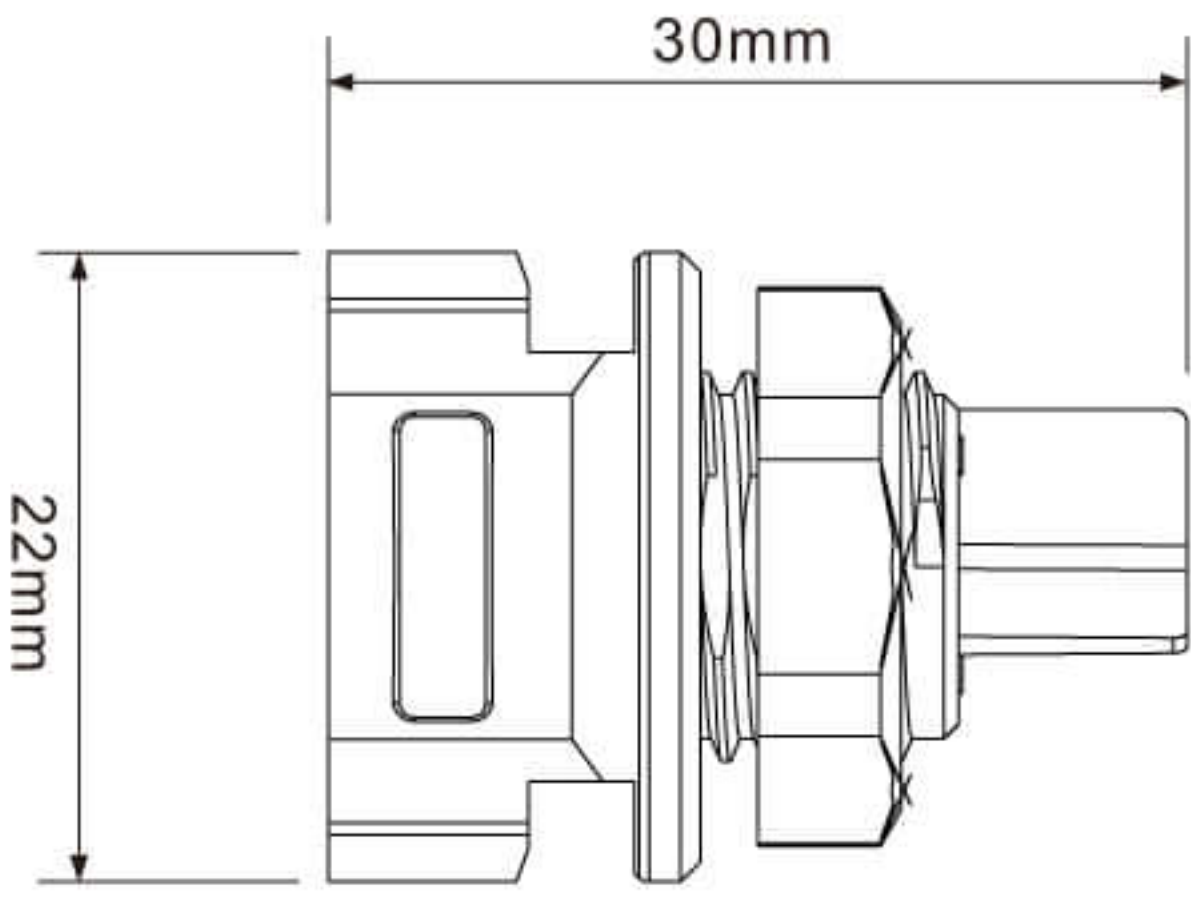
P305 3 Pin Panel Connector
3芯板端连接器

TECHNICAL DATA/ 技术参数

Insulation Material / 绝缘材料	PPO
Contact Material / 接触材料	Copper, Tin plated
Rated Current / 额定电流	5A
Rated Voltage / 额定电压	250V (TUV) 250V (UL)
Test Voltage / 测试电压	4KV (TUV50HZ,1min)
Contact Resistance / 接触电阻	<0.5mΩ
Degree Of Protection / 防护等级	IP 67
Ambient Temperature Range / 环境温度范围	-40℃~ +85℃
Flame Class / 阻燃等级	UL 94-V0
Safety Class / 安全等级	II
Pin Dimensions / 插针尺寸	Ø1.8mm / 3pin



RHT-C305

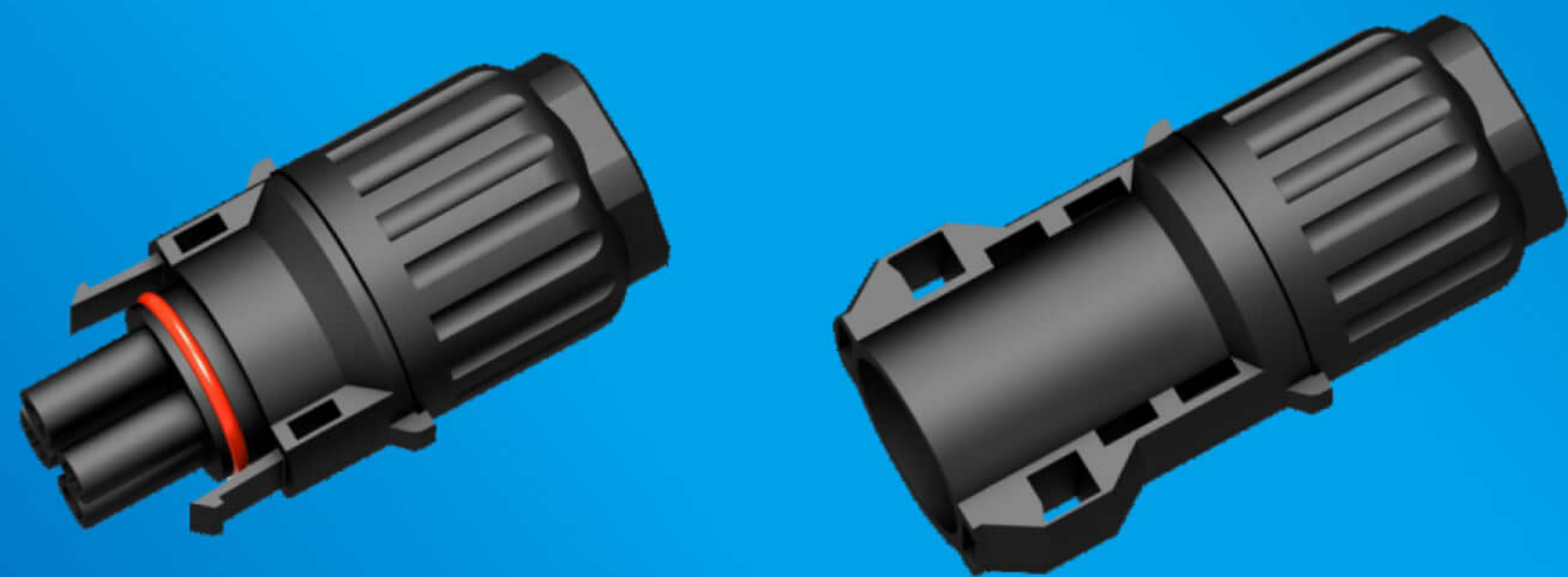


RHT-P305

Conductor cross section	3x16 / 3x18 AWG
导线截面积	3x0.75 / 3x1.0 / 3x1.5 mm²

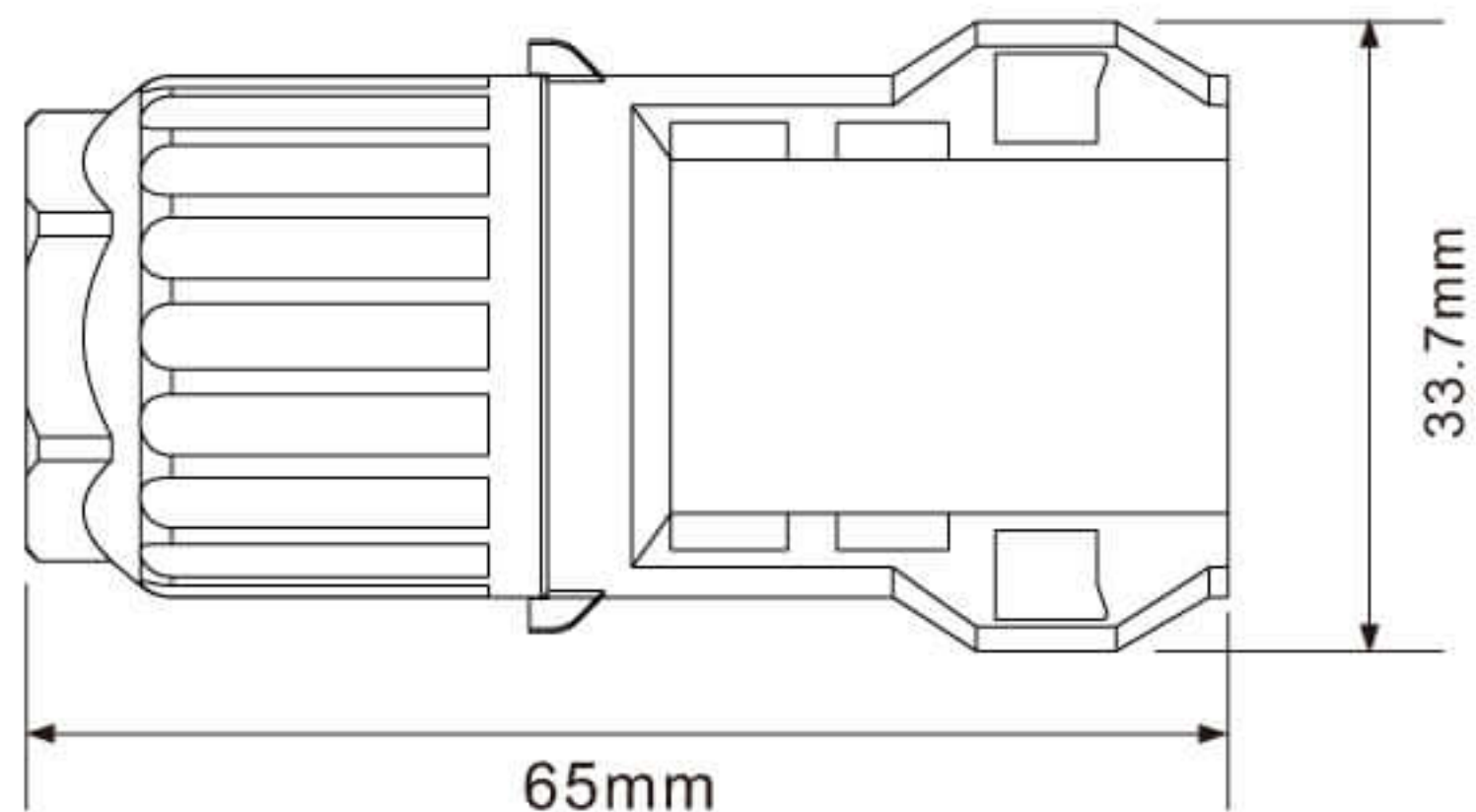
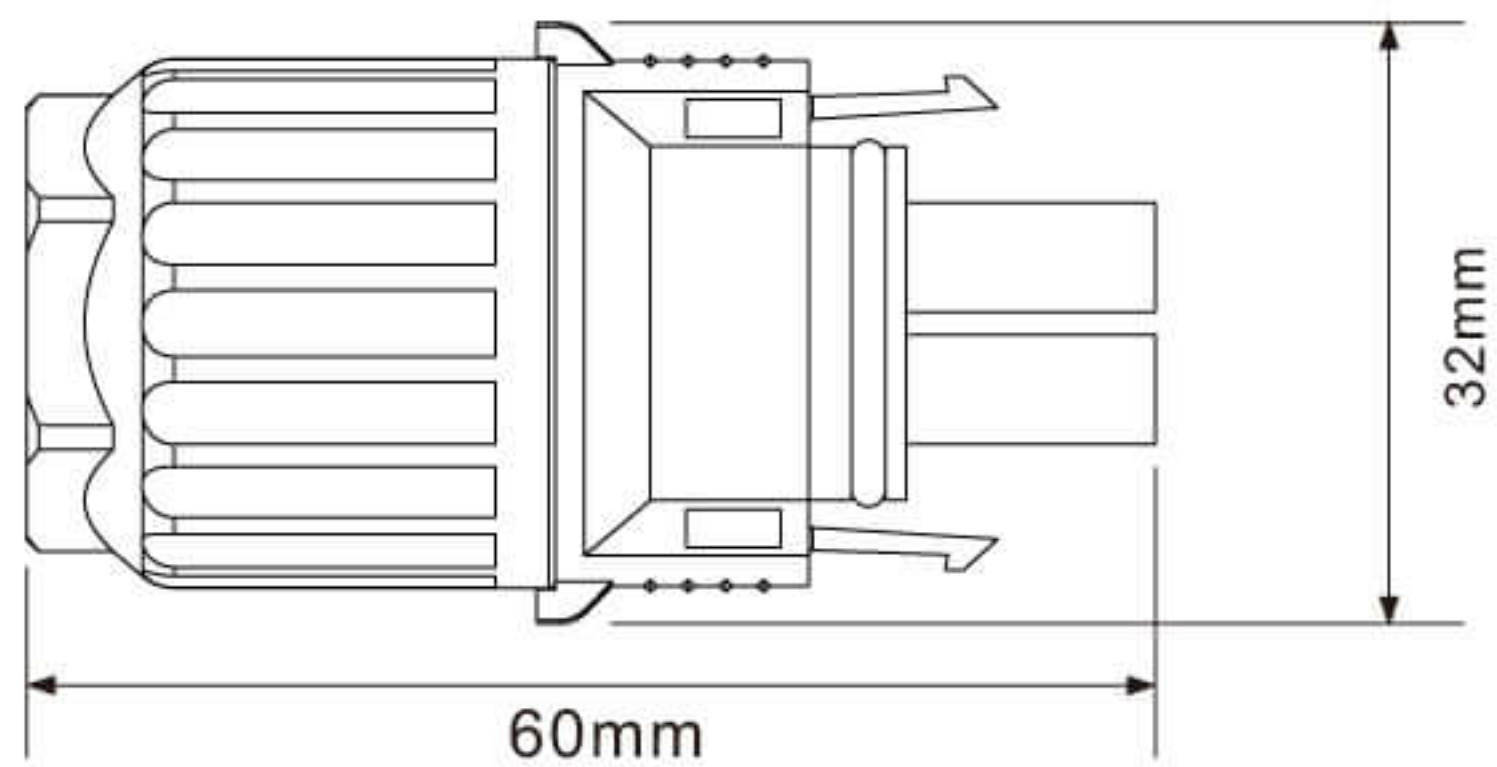
MAIN SPECIALITY / 主要特性

- >> All the connection made by double fixed connection
所有的连接采用双固定连接
- >> low power loss
低功率损耗
- >> With the capacity of anti-aging and resistance to ultraviolet radiation on the outer cover
具有抗老化和抗紫外线辐射的能力
- >> To meet the using requirement under bad outdoor condition
在恶劣的室外条件下，满足使用要求



TECHNICAL DATA/ 技术参数

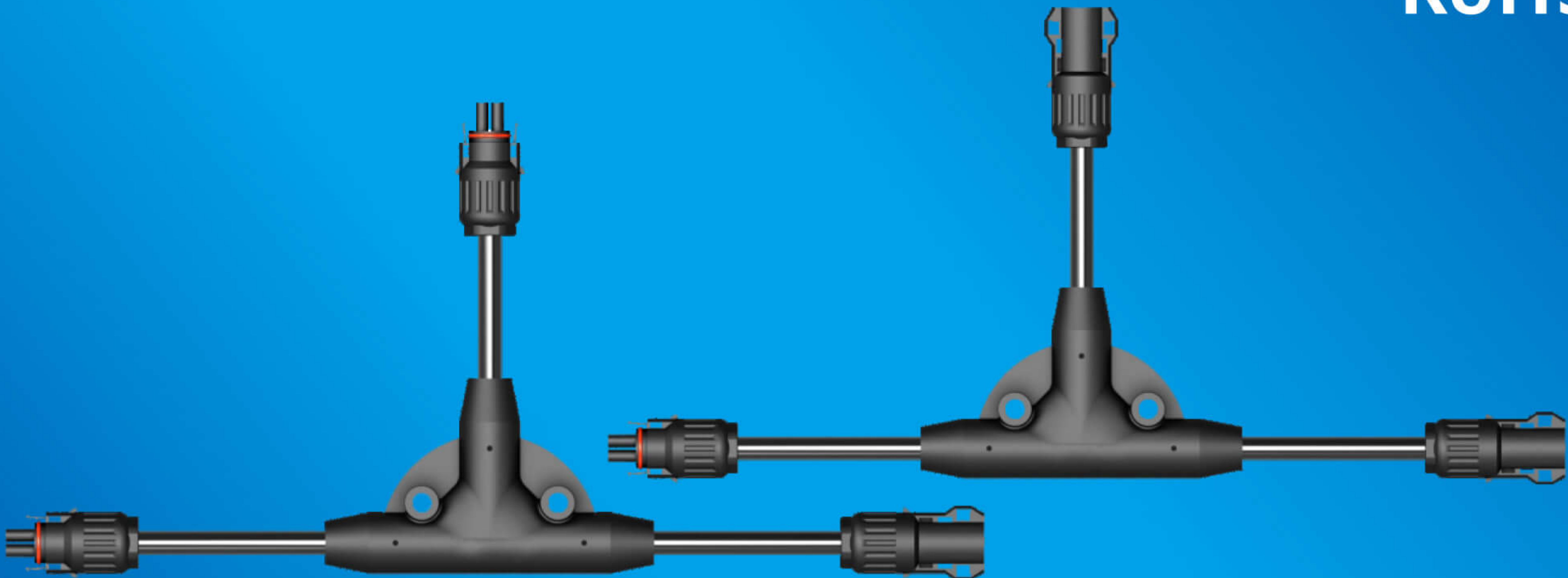
Insulation Material / 绝缘材料	PPO
Contact Material / 接触材料	Copper, Tin plated
Rated Current / 额定电流	25A
Rated Voltage / 额定电压	250V (TUV) 250V (UL)
Test Voltage / 测试电压	4KV (TUV50HZ,1min)
Contact Resistance / 接触电阻	<0.5mΩ
Degree Of Protection / 防护等级	IP 67
Ambient Temperature Range / 环境温度范围	-40℃~ +85℃
Flame Class / 阻燃等级	UL 94-V0
Safety Class / 安全等级	II
Pin Dimensions / 插针尺寸	Ø2.4mm / 4Pin



Conductor cross section	4x14 / 4x12 AWG
导线截面积	4x2.5 / 4x 4.0 mm²

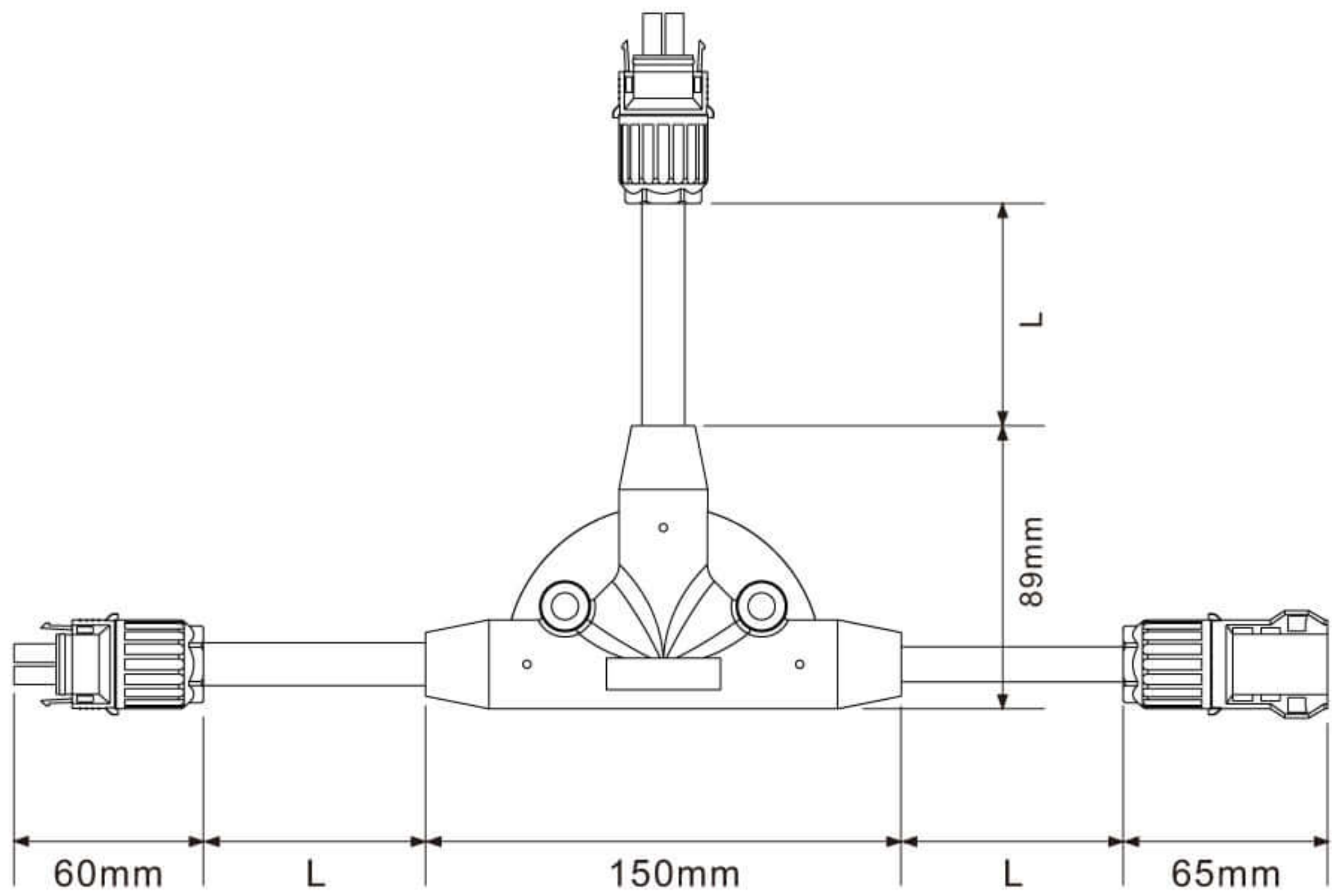
MAIN SPECIALITY / 主要特性

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- > > low power loss
低功率损耗
- >> With the capacity of anti-aging and resistance to ultraviolet radiation on the outer cover
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- >> To meet the using requirement under bad outdoor condition
在恶劣的室外条件下，满足使用要求



TECHNICAL DATA/ 技术参数

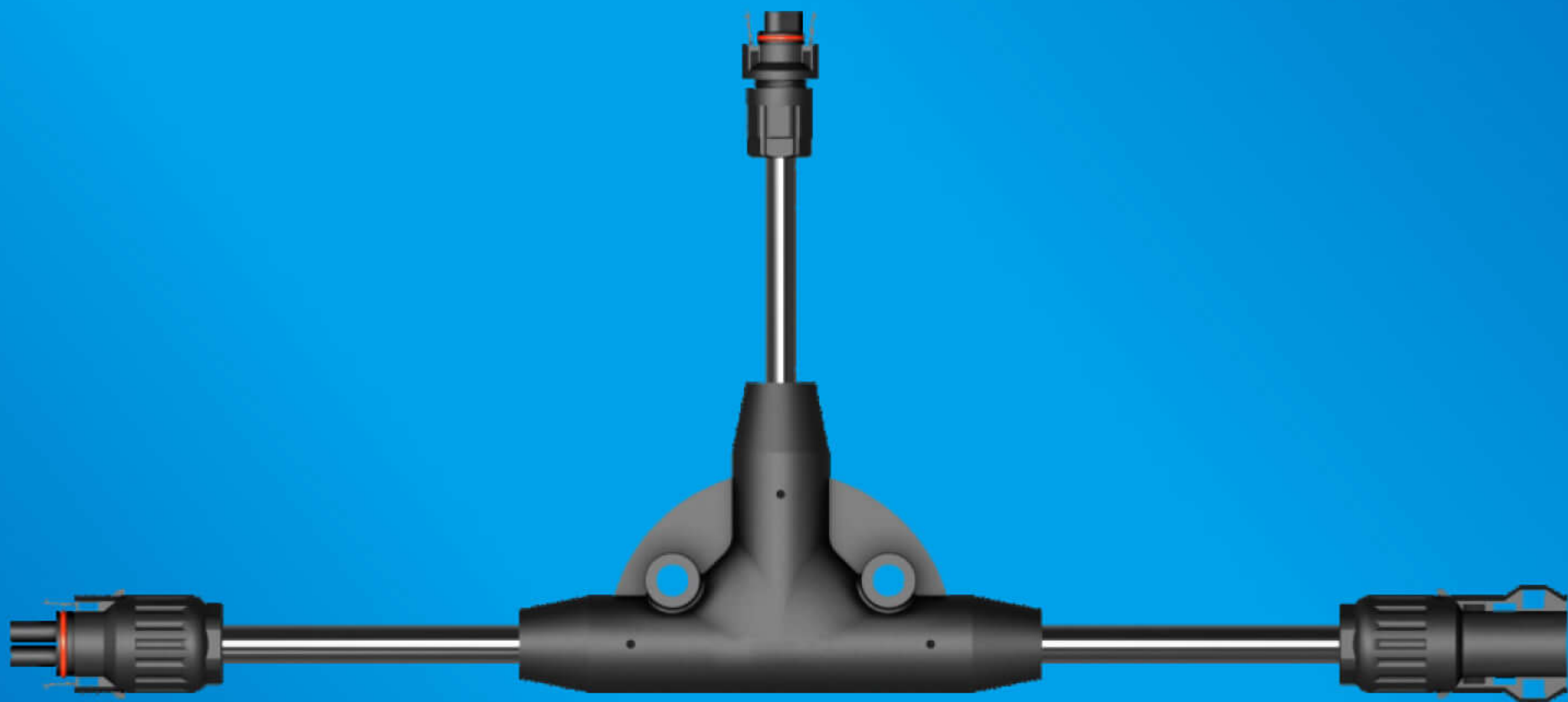
Insulation Material / 绝缘材料	PPO
Contact Material / 接触材料	Copper, Tin plated
Rated Current / 额定电流	25A
Rated Voltage / 额定电压	250V (TUV) 250V (UL)
Test Voltage / 测试电压	4KV (TUV50HZ,1min)
Contact Resistance / 接触电阻	<0.5mΩ
Degree Of Protection / 防护等级	IP 67
Ambient Temperature Range / 环境温度范围	-40℃~ +85℃
Flame Class / 阻燃等级	UL 94-V0
Safety Class / 安全等级	II
Pin Dimensions / 插针尺寸	3 ~ 4



Conductor cross section	4x14 / 4x12 AWG
导线截面积	4x2.5 / 4x 4.0 mm²

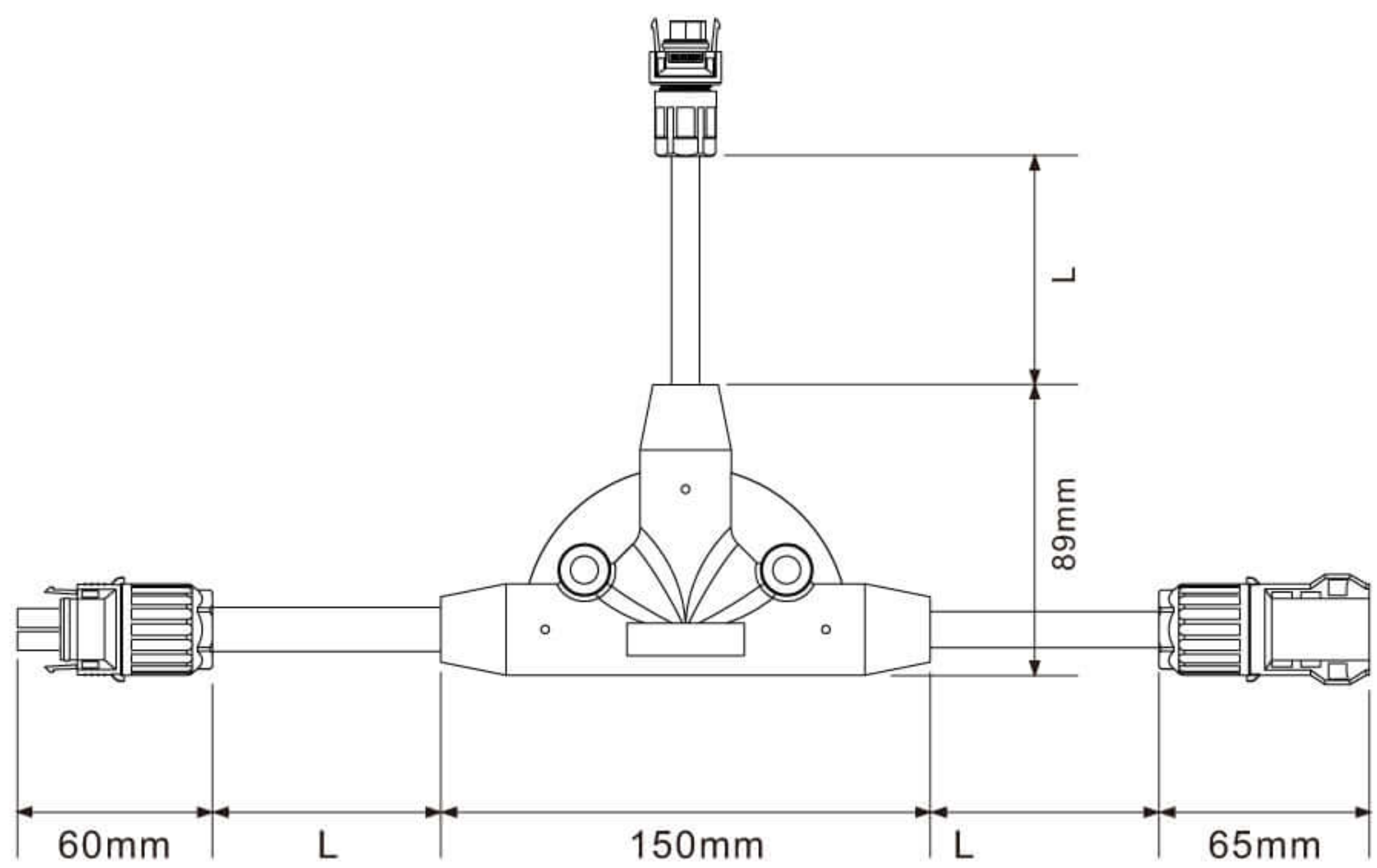
MAIN SPECIALITY / 主要特性

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低功率损耗
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- >> To meet the using requirement under bad outdoor condition
在恶劣的室外条件下，满足使用要求



TECHNICAL DATA/ 技术参数

Insulation Material / 绝缘材料	PPO
Contact Material / 接触材料	Copper, Tin plated
Rated Current / 额定电流	25A(Main) 5A(Branch)
Rated Voltage / 额定电压	250V (TUV) 250V (UL)
Test Voltage / 测试电压	4KV (TUV50HZ,1min)
Contact Resistance / 接触电阻	<0.5mΩ
Degree Of Protection / 防护等级	IP 67
Ambient Temperature Range / 环境温度范围	-40℃~ +85℃
Flame Class / 阻燃等级	UL 94-V0
Safety Class / 安全等级	II
Pin Dimensions / 插针尺寸	4(Main)+3(Branch)

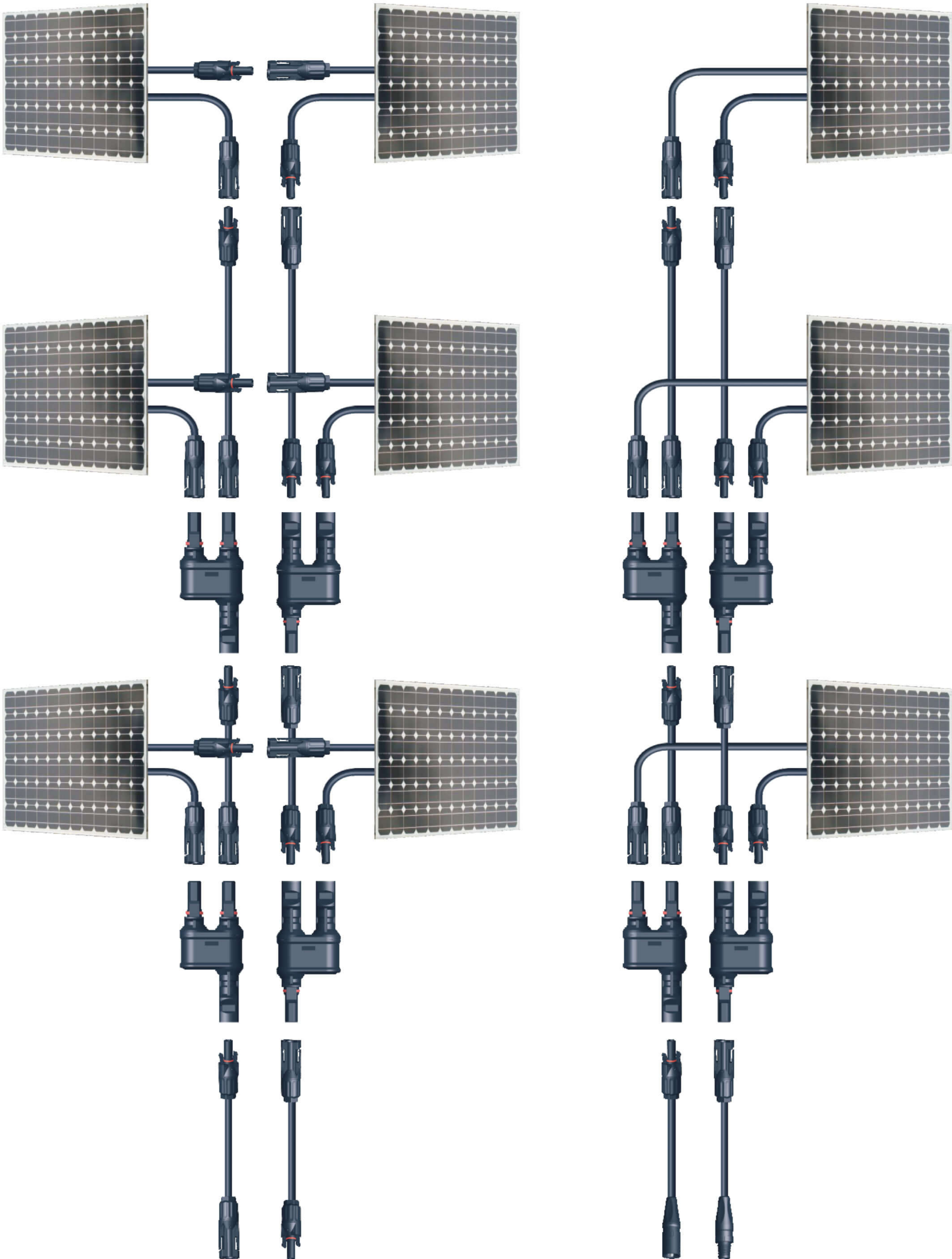


Conductor cross section	4x14 / 4x12 AWG
导线截面积	4x2.5 / 4x 4.0 mm²

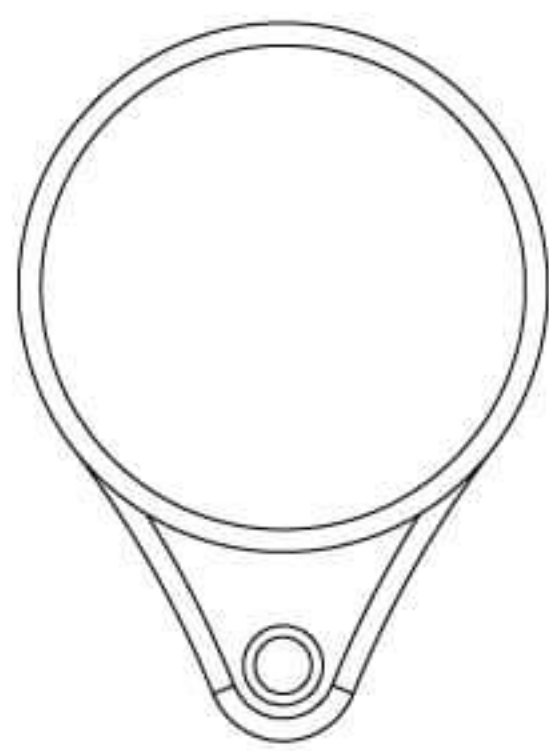
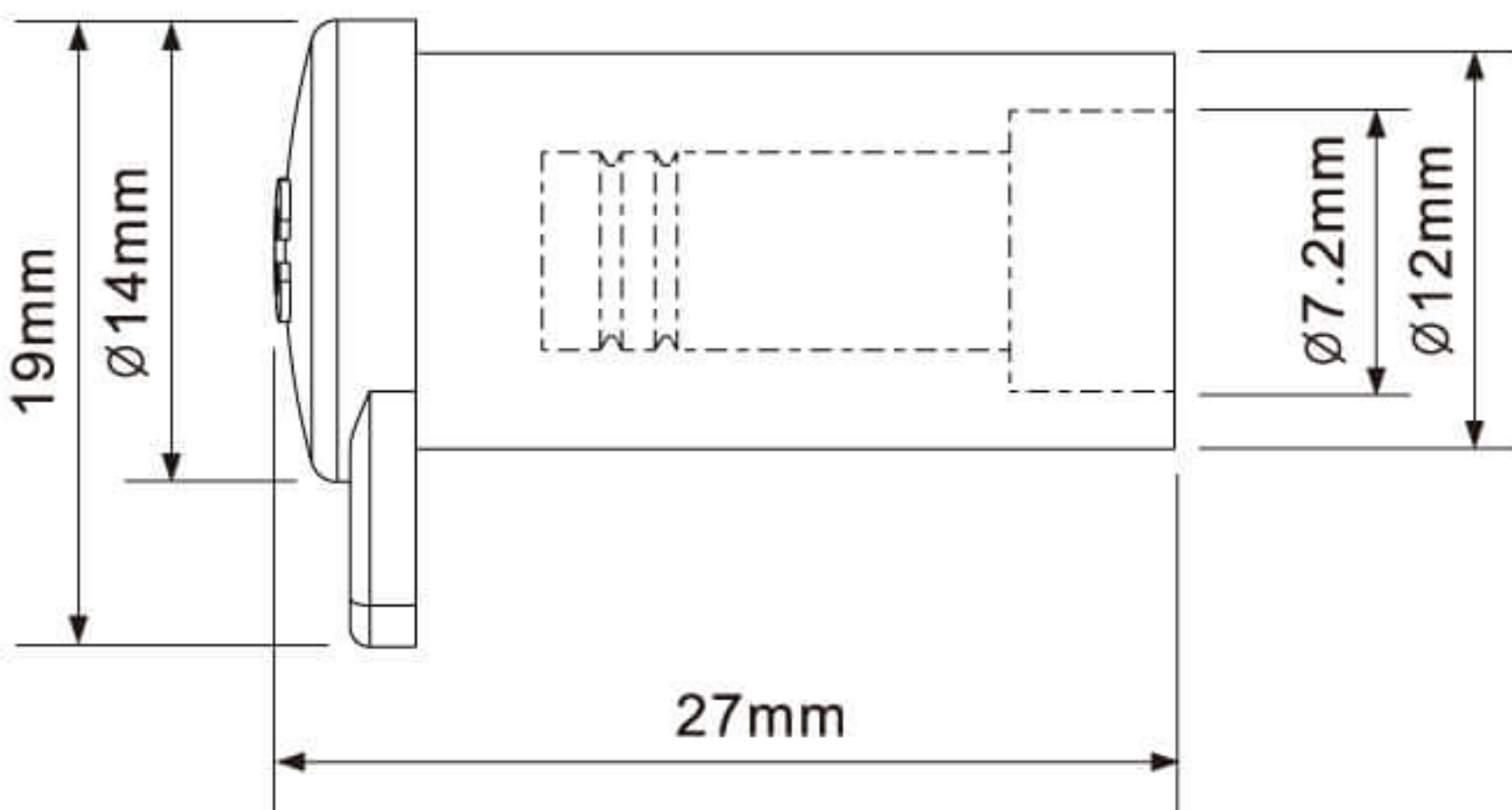
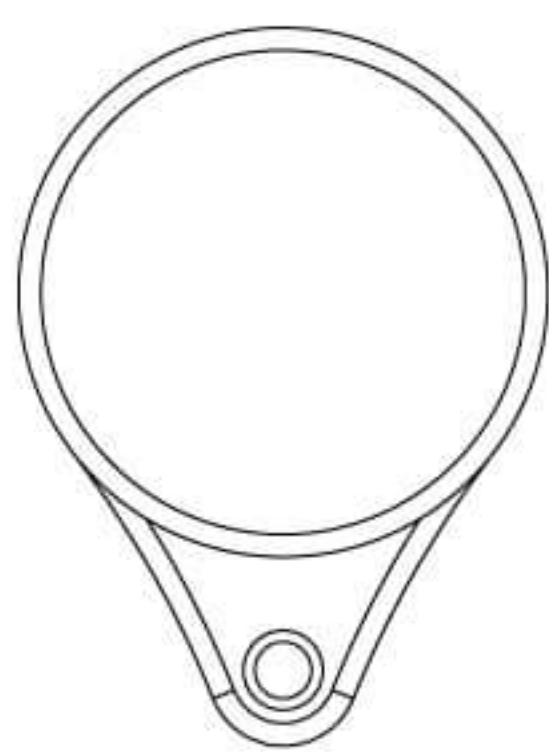
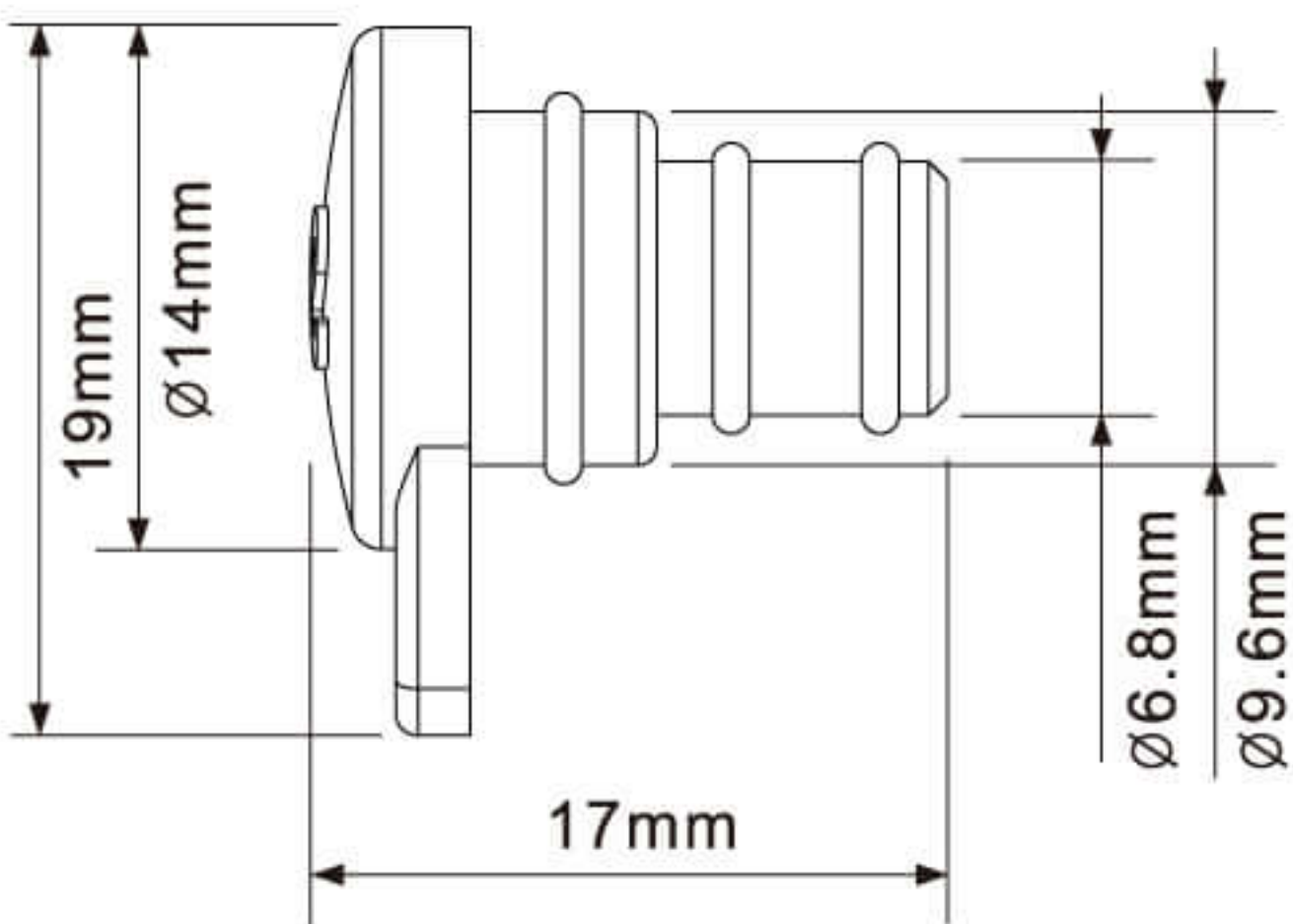
MAIN SPECIALITY / 主要特性

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在恶劣的室外条件下，满足使用要求

Connectors application diagram/ 连接器应用图



RHT-C007 C008 Protection caps/ 保护帽



Material/ 材质	Rubber
Ambient temperature range/ 环境温度范围	-40℃ ~ +90℃

RHT-C007



RHT-C008



Suitable for protecting unlocking connectors
适用于保护解锁连接器

Protection caps application diagram / 保护帽应用图

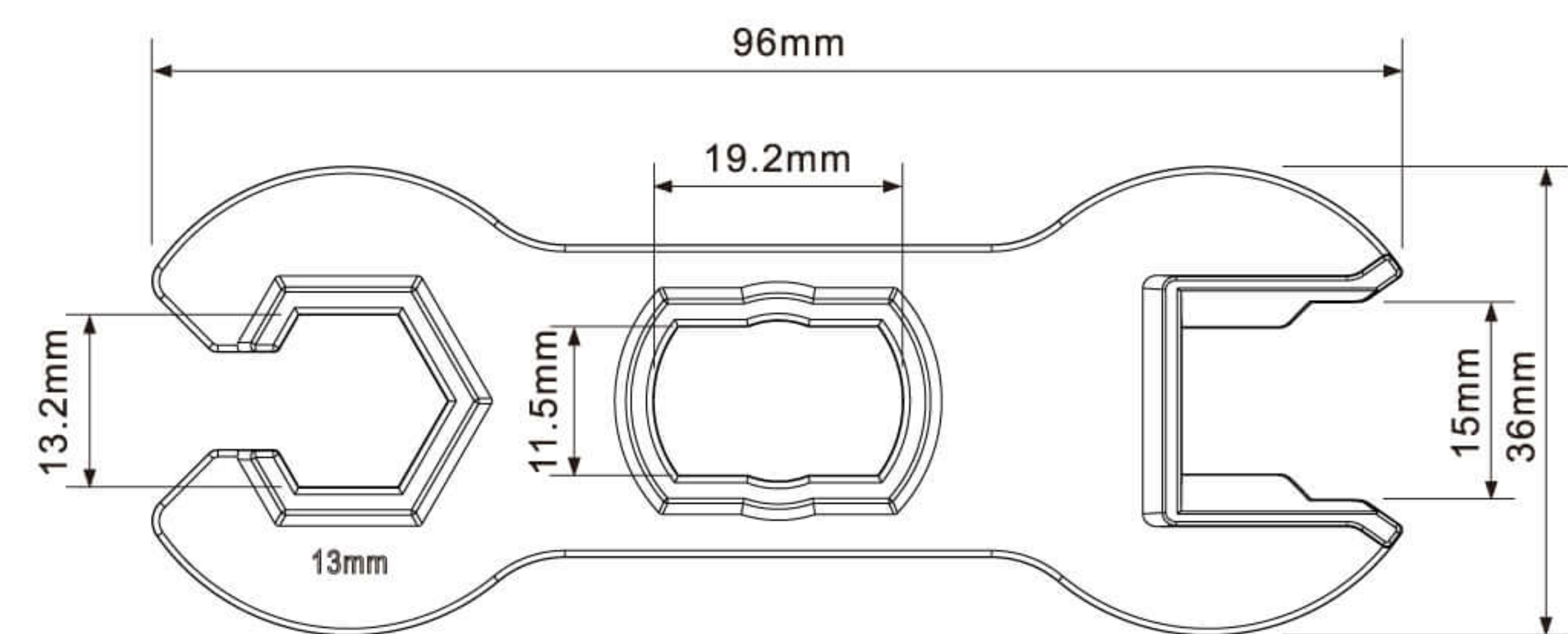


RHT-T001 RHT-T002 Tools/ 工具

Two-set spanners/ 两套一组

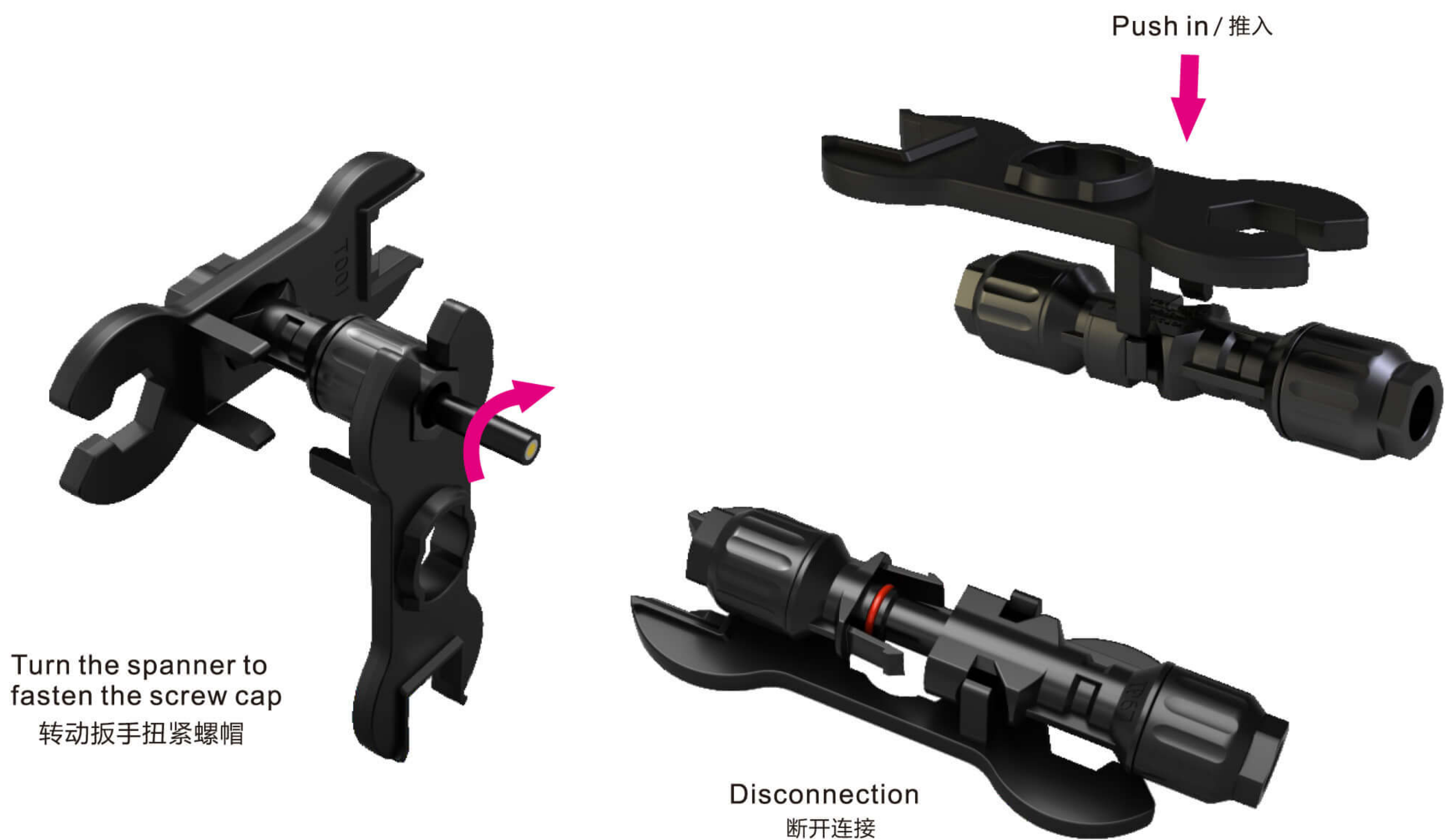


Material/ 材质	PA66
Ambient temperature range/ 环境温度范围	-40℃ ~ +90℃

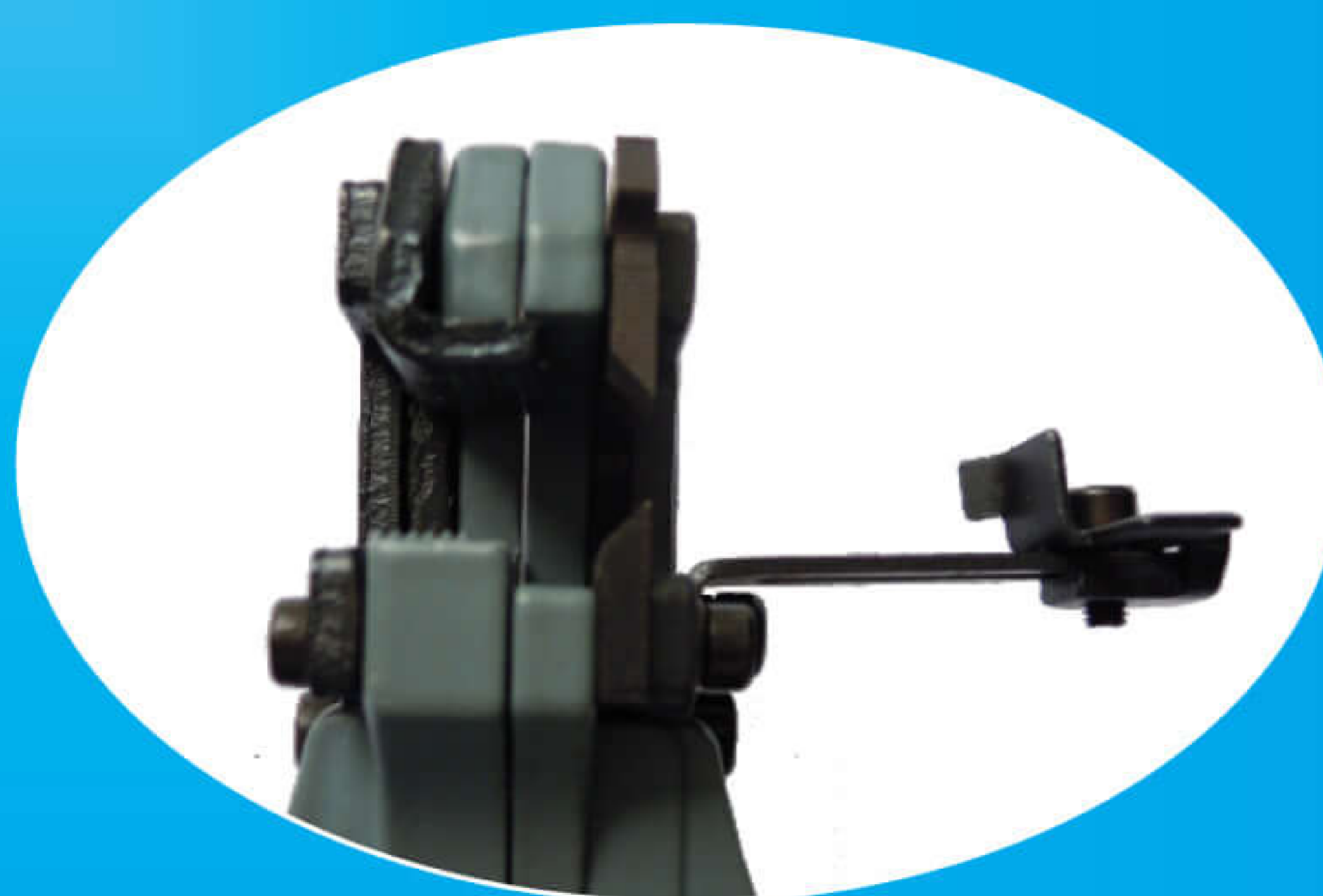
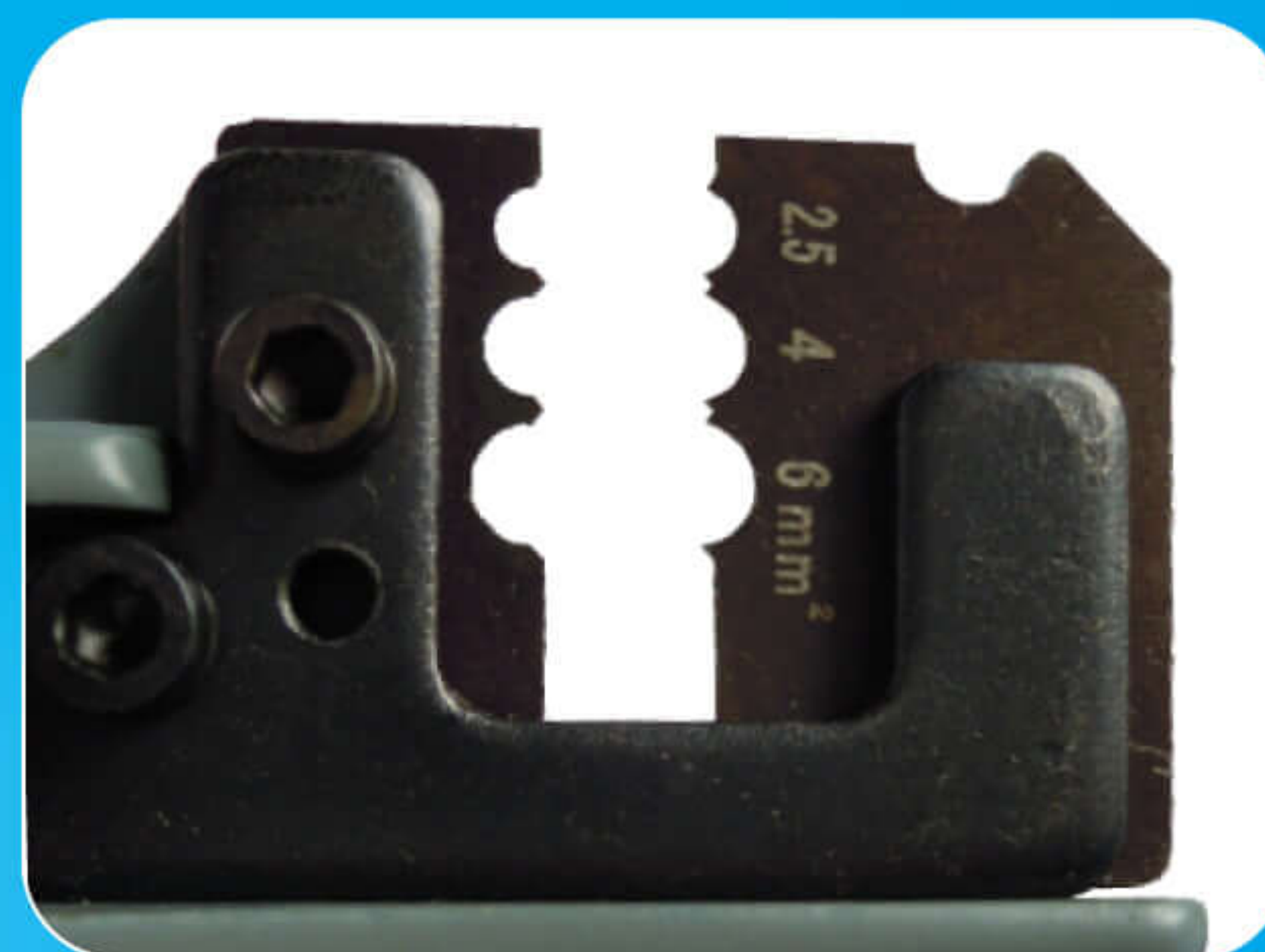


Apply to 4.0 series connectors
适用于4.0系列连接器

Tool application diagram/ 工具应用图



RHT-S002 Stripping Tool/ 剥线工具



MAIN SPECIALITY/ 主要特性

>> Suitable for stripping the cable of 2.5~6.0mm² (AWG10-14)
适合剥线电缆 2.5~6.0mm (AWG10-14)

>> Suitable for solar system installation site, flexible application
适合太阳能系统安装现场，灵活应用

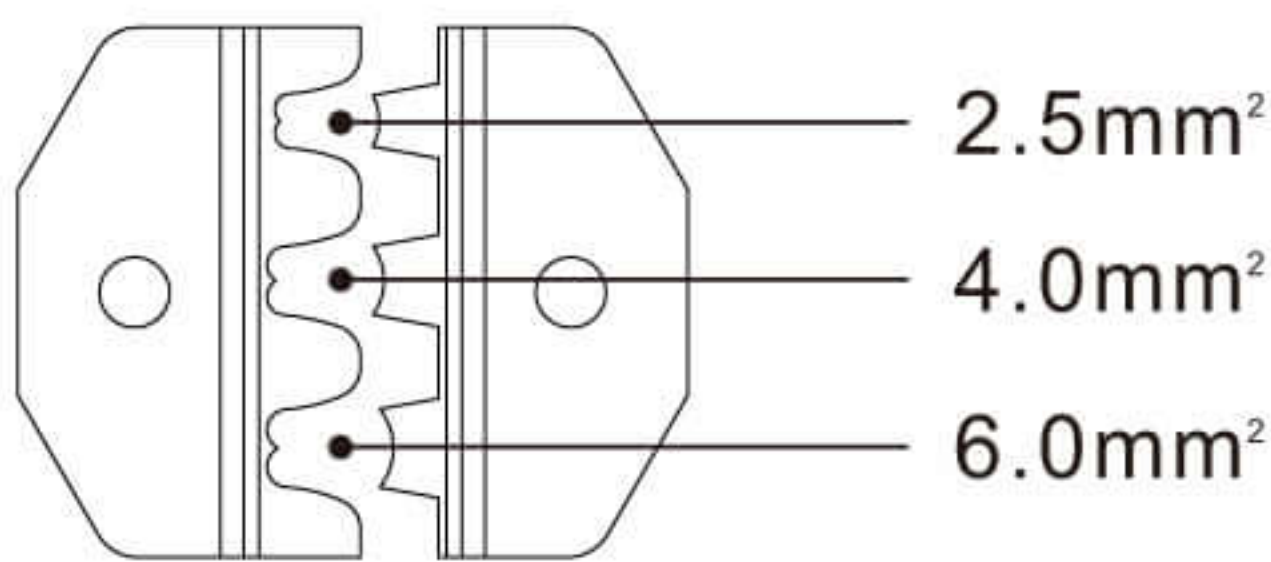


RHT-P003 RHT-P004 Crimping Tool/ 压线工具

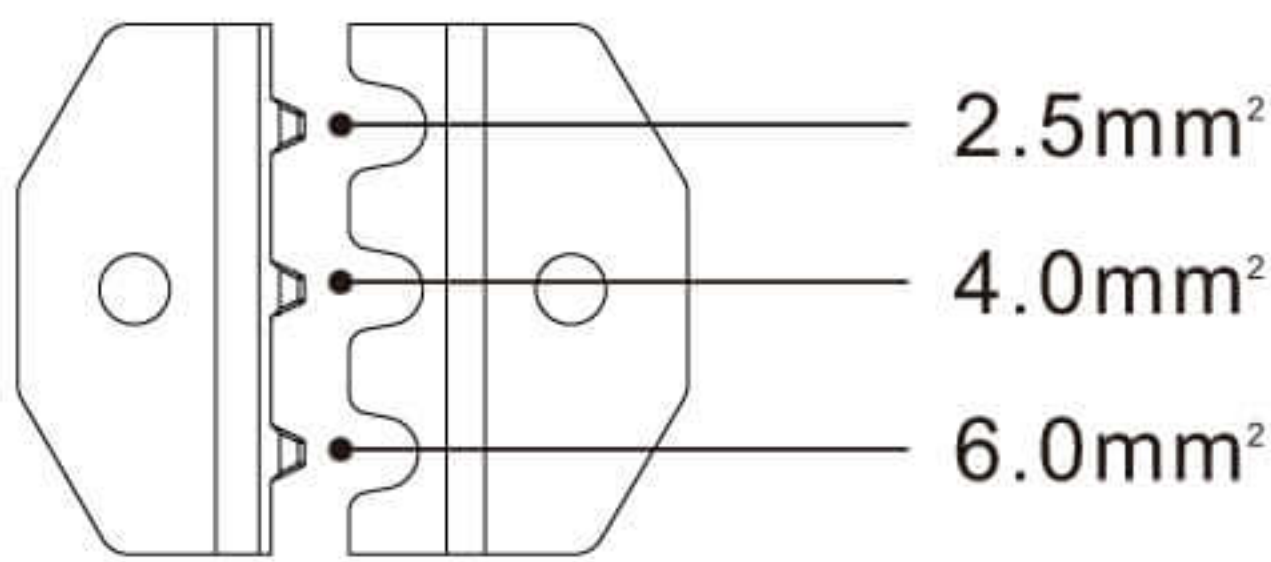


MAIN SPECIALITY/ 主要特性

- >> Suitable for crimping the cable of 2.5~6.0mm² (AWG10-14)
适合铆压电缆 2.5~6.0mm (AWG10-14)
- >> Suitable for solar system installation site, flexible application
适合太阳能系统安装现场，灵活应用



RHT-P003



RHT-P004