RAST 5.0 螺钉压线式连接器
RAST 5.0 Screw-Clamp Connectors

Series Overview / Selection Guide

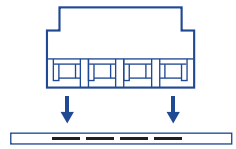
5.0mm PITCH

Pitch: 5.00mm | Poles: 2P–7P | Voltage Rating: 250V AC/DC | Current Rating: 6A/10A Max. | Temperature Range: –40 to +120°C

■ Product Grouping/产品分组

A. Direct Plug to PCB 直接对插PCB板

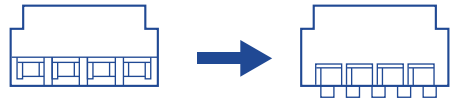
- **Models:** M5035/M5036/M5037
- **Poles:** 2P–6P



Direct to PCB

B. Wire–to–Board 线对板

- **Models:** M5038/M5039/M5040
- **Mating Models:** M940X
- **Poles:** 2P – 7P



M5038 / 5039 / 5040 M940X

C. Wire–to–Wire 线对线

- **Models:** M5038/M5039/M5040↔M5041 / 5042
- **Additional Mating Models:** M500X
- **Poles:** 2P – 7P



M5038 / 5039 / 5040 M5041 / 5042

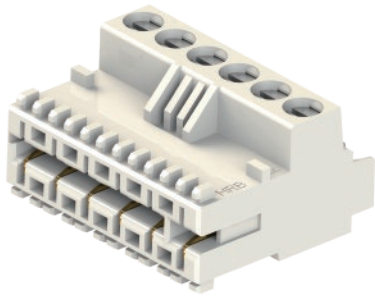
■ Selection Table / 选型表

Model	Poles	Connection Type	Mating Model	Current
M5035	2–6P	Direct Plug to PCB	--	6A
M5036	2–6P	Direct Plug to PCB	--	6A
M5037	2–6P	Direct Plug to PCB	--	6A
M5038	2–7P	Wire–to–Board /Wire–to–Wire	M940X / M5041 / M5042	10A
M5039	2–7P	Wire–to–Board /Wire–to–Wire	M940X / M5041 / M5042	10A
M5040	2–7P	Wire–to–Board /Wire–to–Wire	M940X / M5041 / M5042	10A
M5041	2–7P	Wire–to–Wire	M500X/M5038/M5039/M5040	10A
M5042	2–7P	Wire–to–Wire	M500X/M5038/M5039/M5040	10A

RAST 5.0 Connector

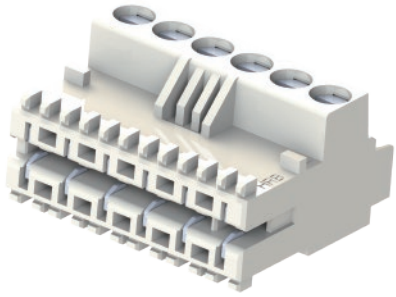
Direct PCB Connection | 直接对插PCB板 A

5.0mm PITCH



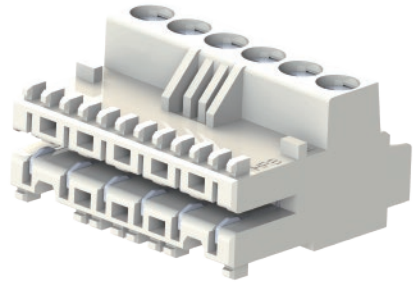
M5035

2–6P



M5036

2–6P



M5037

2–6P

Electrical | 电气参数

6A MAX.	250V AC/DC	–40℃~+120℃	≤10mΩ	≥1000MΩ	1500V AC/min
Current Rating	Voltage Rating	Temperature Range	Contact Resistance	Insulation Resistance	Withstanding Voltage
额定电流	额定电压	工作温度	接触电阻	绝缘电阻	耐电压

Material | 材质

Housing | 胶壳
Nylon 66, UL94V–0
尼龙66, UL94V–0阻燃

Terminal | 端子
Phosphor Bronze, Tin–plated
磷青铜，镀锡

Clamp | 压线框
Brass, Nickel–plated
黄铜，镀镍

Screw | 螺丝
Steel, Zinc–plated
钢，镀锌

Wire Size |适用线径

Stranded Wire | 绞线	0.14–2.5 mm^2	AWG 26–14
Solid Wire | 实心线	0.14–4.0 mm^2	AWG 26–12
Stripping Length | 剥线长度	8±1 mm	

Positions | 位数

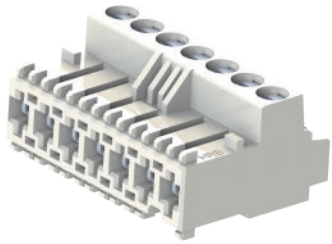
2P 3P 4P 5P 6P

GWT 750℃ | IEC 60335–1

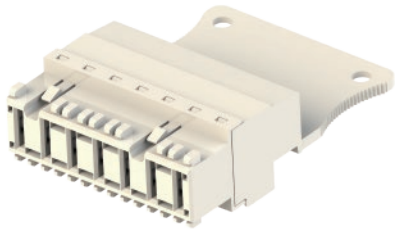
RAST 5.0 Connector

Wire–to–Board / Wire–to–Wire |线对板 /线对线 B

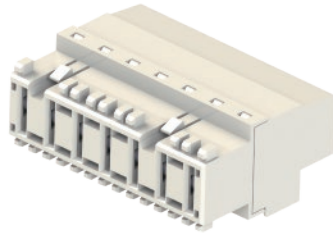
5.0mm PITCH



M5038 2–7P



M5039 2–7P



M5040 2–7P

Connection | 配套关系

Wire–to–Board | 线对板 → M5038 / M5039/ M5040→ M940X

Wire–to–Wire | 线对线 ↔ M5038/M5039/M5040→M5041/M5042

Electrical | 电气参数

10A MAX.	250V AC/DC	–40℃~+120℃	≤10mΩ	≥1000MΩ	1500V AC/min
Current Rating 额定电流	Voltage Rating 额定电压	Temperature Range 工作温度	Contact Resistance 接触电阻	Insulation Resistance 绝缘电阻	Withstanding Voltage 耐电压

Material | 材质

Housing | 胶壳	Terminal | 端子	Clamp | 压线框	Screw | 螺丝
Nylon 66, UL94V–0 尼龙66, UL94V–0阻燃	Phosphor Bronze, Tin–plated 磷青铜，镀锡	Brass, Nickel–plated 黄铜，镀镍	Steel, Zinc–plated 钢，镀锌

Wire Size |适用线径

Stranded Wire | 绞线	0.14–2.5 mm^2	AWG 26–14
Solid Wire | 实心线	0.14–4.0 mm^2	AWG 26–12
Stripping Length | 剥线长度	8±1 mm	

Positions | 位数

2P 3P 4P 5P 6P 7P

GWT 750℃ | IEC 60335–1

RAST 5.0 Connector

Wire–to–Wire | 线对线 C

5.0mm PITCH



M5041

2–7P



M5042

2–7P

Mating Options | 配套型号

Wire–to–Wire | 线对线 ⟷ M5041 / M5042 ⟷ M500X

Wire–to–Wire | 线对线 ⟷ M5041/ M5042 ⟷ M5038/M5039/M5040

Electrical | 电气参数

10A MAX.	250V AC/DC	–40℃~+120℃	≤10mΩ	≥1000MΩ	1500V AC/min
Current Rating 额定电流	Voltage Rating 额定电压	Temperature Range 工作温度	Contact Resistance 接触电阻	Insulation Resistance 绝缘电阻	Withstanding Voltage 耐电压

Material | 材质

Housing | 胶壳
Nylon 66, UL94V–0
尼龙66, UL94V–0阻燃

Terminal | 端子
Brass, Tin–plated
黄铜，镀锡

Clamp | 压线框
Brass, Nickel–plated
黄铜，镀镍

Screw | 螺丝
Steel, Zinc–plated
钢，镀锌

Wire Size |适用线径

Stranded Wire | 绞线	0.14–2.5 mm^2	AWG 26–14
Solid Wire | 实心线	0.14–4.0 mm^2	AWG 26–12
Stripping Length | 剥线长度	8±1 mm	

Positions | 位数

2P 3P 4P 5P 6P 7P

GWT 750℃ | IEC 60335–1

Ordering Information / 订购信息

5.0mm PITCH

1 Part Number Structure/料号结构

A M5035

M5035–X–X–XX–X

① Model / 型号：M5035

② Pins /位数: 2–6P

③ Color /颜色: W=White / 白色

④ Side Wall Type /侧壁形式:
Standard closed/open side walls

⑤ Keying Ribs /防错筋位

B M5036

M5035–X–X–XX–X

① Model / 型号：M5036

② Pins /位数: 2–6P

③ Color /颜色: W=White / 白色

④ Side Wall Type /侧壁形式:
Standard closed/open side walls

⑤ Keying Ribs /防错筋位

W = White / 白色

C M5037–M5042

MODEL–X–X–XX–X

① Model / 型号:
M5037/ M5038/M5039 /
M5040/ M5041 / M5042

② Pins /位数: M5037 = 2–6P;
M5038–M5042 = 2–7P

③ Color /颜色: W=White / 白色

④ Keying Code /防错键位代码

⑤ Lock Code / 锁扣代码

Keying and lock codes vary by configuration. Please confirm the required code when ordering.

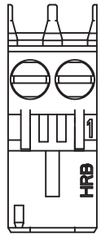
防错键位及锁扣代码因配置而异，订购时请确认具体代码。

2 Model Grouping /型号分组

Model / 型号组	Connection Type / 连接类型	Pins 位数
M5035/M5036	Direct Plug to PCB	2–6P
M5037	Direct Plug to PCB	2–6P
M5038–5040	Direct Plug to PCB	2–7P
M5041–M5042	Wire–to–Board /Wire–to–Wire	2–7P

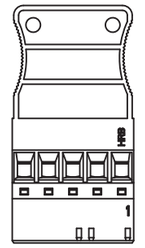
W = White. Other code definitions should be confirmed according to the required configuration.
W=白色。其他代码定义请根据实际配置确认。

1 Ordering Examples / 订购示例



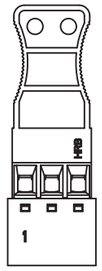
M5038–2–W–042–A0

M5038. 2P. White.
Keying 042 . Lock A0



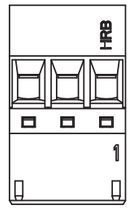
M5039–4–W–037–B0

M5039. 4P. White.
Keying 037 . Lock B0



M5041–3–W–084–A1

M5041. 3P. White.
Keying 084 . Lock A1



M5040–3–W–081–A0

M5040. 3P. White.
Keying 081. Lock A0

2 Ordering Notes /订购说明

W = White / 白色

M5035 and M5036 use side wall type +keying ribs.
M5035和M5036采用侧壁形式+防错筋位。

M5037–M5042 use keying code + lock code.
M5037–M5042采用防错键位代码+锁扣代码。

Please confirm the required code combination before ordering.
订购前请确认所需代码组合。

3 Quick Reference / 快速参考

Group	Part Number Format	Pins 位数
M5035	M5035–X–X–XX–X	2–6P
M5036	M5036–X–X–XX–X	2–6P
M5037–M5042	MODEL–X–X–XXX–X	2–6 / 2–7P