

HM-006 模块连接器 MODULAR CONNECTORS

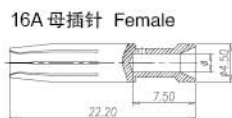
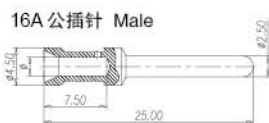
额定电流 Rated current: 16 A 额定电压 Rated voltage: 500 V

接线方式: 冷压针压接 Termination methods: Crimp terminal (冷压针请单独订购 Order crimp contacts separately)	型号 Type	订货号 Part No.		尺寸图 Drawing (mm)	
		公接插针 Male insert	母接插针 Female insert		
 M F	HM-006-M	5140063001		M	
	HM-006-F		5140063101	F	

16A 镀银冷压针 Crimp contacts, silver-plated

技术参数 Technical data

材质: 铜镀银
Material: Copper, hard silver
接触电阻 Contact resistance: $\leq 1\text{m}\Omega$
接线形式: 冷压接线
Termination methods: Crimp connection



线径 (mm ²) Wire gauge	接线长度 Stripping length	公接插针 Male insert 型号 Type	公接插针 Male insert 订货号 Part No.	母接插针 Female insert 型号 Type	母接插针 Female insert 订货号 Part No.	
0.14-0.37	AWG26-22	7.5mm	CEM-0.37	3330006127	CEF-0.37	3330006227
0.5	AWG20	7.5mm	CEM-0.5	3330006121	CEF-0.5	3330006221
0.75	AWG18	7.5mm	CEM-0.75	3330006114	CEF-0.75	3330006214
1.0	AWG18	7.5mm	CEM-1.0	3330006105	CEF-1.0	3330006205
1.5	AWG16	7.5mm	CEM-1.5	3330006104	CEF-1.5	3330006204
2.5	AWG14	7.5mm	CEM-2.5	3330006102	CEF-2.5	3330006202
4.0	AWG12	7.5mm	CEM-4.0	3330006107	CEF-4.0	3330006207

技术参数 Technical characteristics

1 插芯 Inserts

接插件针数 Inserts Number of contacts	6
依据 DIN EN 61984 的电气数据 Electrical data	
- 额定电流 Rated current	16A
- 额定电压 Rated voltage	500V
- 额定脉冲电压 Rated impulse voltage	6kV
- 污染程度 Pollution degree	3
依据 UL 的额定电压 Rated voltage	600V
绝缘电阻 Insulation resistance	$\geq 10^{10}\Omega$
材料 Material	聚碳酸酯 Polycarbonate
工作温度范围 Limiting temperatures	-40°C ... +125°C
依据 UL94 阻燃等级 Flammability	V0
可拔插次数 Mating cycles	≥ 500

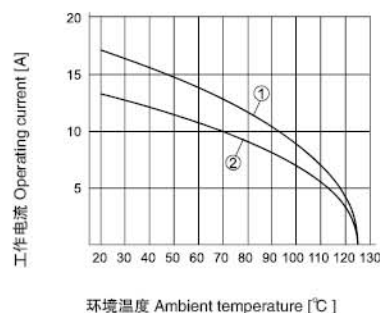
2 插针 Contacts

材料 Material	铜合金 Copper alloy
表面处理 Surface	镀银 Hard-silver plated
	镀金 Hard-gold plated
接触电阻 Contact resistance	$\leq 1\text{m}\Omega$
冷压连接 Crimp terminal	
- mm ²	0.14-4 mm ²
- AWG	26-12

电流负载能力 Current carrying capacity

电流负载能力所受的限制主要来自包含接插针的接插体可承受的最大温度测试和控制过程依据 DIN EN 60512-5

Current load capacity, mainly from the restrictions include plug the plug of the needle body can withstand maximum temperature Testing and control process according to DIN EN 60512-5



① 24B 外壳带6个模块, 导线截面 Wire gauge: 2.5 mm²
② 24B 外壳带6个模块, 导线截面 Wire gauge: 1.5 mm²

HM-F06 模块连接器 MODULAR CONNECTORS

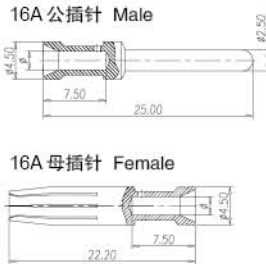
额定电流 Rated current: 16A 额定电压 Rated voltage: 830V

接线方式: 冷压针压接 Termination methods: Crimp terminal (冷压针请单独订购 Order crimp contacts separately)	型号 Type	订货号 Part No.		尺寸图 Drawing (mm)	
		公接插针 Male insert	母接插针 Female insert		
	HM-F06-M	5140063041		M	
	HM-F06-F		5140063141	F	

16A 镀银冷压针 Crimp contacts, silver-plated

技术参数 Technical data

材质: 铜镀银
Material: Copper, hard silver
接触电阻 Contact resistance: $\leq 1\text{m}\Omega$
接线形式: 冷压接线
Termination methods: Crimp connection



线径 (mm ²) Wire gauge	接线长度 Stripping length	公接插针 Male insert 型号 Type	公接插针 Male insert 订货号 Part No.	母接插针 Female insert 型号 Type	母接插针 Female insert 订货号 Part No.	
0.14-0.37	AWG26-22	7.5mm	CEM-0.37	3330006127	CEF-0.37	3330006227
0.5	AWG20	7.5mm	CEM-0.5	3330006121	CEF-0.5	3330006221
0.75	AWG18	7.5mm	CEM-0.75	3330006114	CEF-0.75	3330006214
1.0	AWG18	7.5mm	CEM-1.0	3330006105	CEF-1.0	3330006205
1.5	AWG16	7.5mm	CEM-1.5	3330006104	CEF-1.5	3330006204
2.5	AWG14	7.5mm	CEM-2.5	3330006102	CEF-2.5	3330006202
4.0	AWG12	7.5mm	CEM-4.0	3330006107	CEF-4.0	3330006207

技术参数 Technical characteristics

1 插芯 Inserts

接插件针数 Inserts Number of contacts	6
依据 DIN EN 61984 的电气数据 Electrical data	
- 额定电流 Rated current	16A
- 额定电压 Rated voltage	830V
- 额定脉冲电压 Rated impulse voltage	8kV
- 污染程度 Pollution degree	3
依据 UL 的额定电压 Rated voltage	600V
绝缘电阻 Insulation resistance	$\geq 10^{10}\Omega$
材料 Material	聚碳酸酯 Polycarbonate
工作温度范围 Limiting temperatures	-40°C ... +125°C
依据 UL94 阻燃等级 Flammability	V0
可拔插次数 Mating cycles	≥ 500

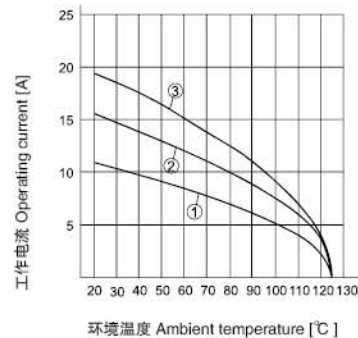
2 插针 Contacts

材料 Material	铜合金 Copper alloy
表面处理 Surface	镀银 Hard-silver plated
	镀金 Hard-gold plated
接触电阻 Contact resistance	$\leq 1\text{m}\Omega$
冷压连接 Crimp terminal	
- mm ²	0.14-4 mm ²
- AWG	26-12

电流负载能力 Current carrying capacity

电流负载能力所受的限制主要来自包含接插针的接插体可承受的最大温度测试和控制过程依据 DIN EN 60512-5

Current load capacity, mainly from the restrictions include plug the plug of the needle body can withstand maximum temperature Testing and control process according to DIN EN 60512-5



- ① 24B 外壳 带 6 个模块, 导线截面 Wire gauge: 1.5 mm²
- ② 24B 外壳 带 6 个模块, 导线截面 Wire gauge: 2.5 mm²
- ③ 24B 外壳 带 6 个模块, 导线截面 Wire gauge: 4.0 mm²

HM-008 模块连接器 MODULAR CONNECTORS

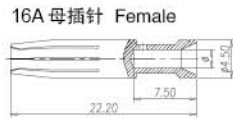
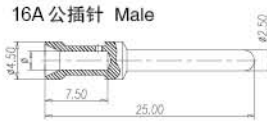
额定电流 Rated current: 16 A 额定电压 Rated voltage: 400 V

接线方式: 冷压针压接 Termination methods: Crimp terminal (冷压针请单独订购 Order crimp contacts separately)	型号 Type	订货号 Part No.		尺寸图 Drawing (mm)	
		公接插针 Male insert	母接插针 Female insert		
 M F	HM-008-M	5140083001		M	
	HM-008-F		5140083101	F	

16A 镀银冷压针 Crimp contacts, silver-plated

技术参数 Technical data

材质: 铜镀银
Material: Copper, hard silver
接触电阻 Contact resistance: $\leq 1\text{m}\Omega$
接线形式: 冷压接线
Termination methods: Crimp connection



线径 (mm ²) Wire gauge	接线长度 Stripping length	公接插针 Male insert 型号 Type	公接插针 Male insert 订货号 Part No.	母接插针 Female insert 型号 Type	母接插针 Female insert 订货号 Part No.	
0.14-0.37	AWG26-22	7.5mm	CEM-0.37	3330006127	CEF-0.37	3330006227
0.5	AWG20	7.5mm	CEM-0.5	3330006121	CEF-0.5	3330006221
0.75	AWG18	7.5mm	CEM-0.75	3330006114	CEF-0.75	3330006214
1.0	AWG18	7.5mm	CEM-1.0	3330006105	CEF-1.0	3330006205
1.5	AWG16	7.5mm	CEM-1.5	3330006104	CEF-1.5	3330006204
2.5	AWG14	7.5mm	CEM-2.5	3330006102	CEF-2.5	3330006202
4.0	AWG12	7.5mm	CEM-4.0	3330006107	CEF-4.0	3330006207

接插体

技术参数 Technical characteristics

1 插芯 Inserts

接插件针数 Inserts Number of contacts	8
依据 DIN EN 61984 的电气数据 Electrical data	
- 额定电流 Rated current	16A
- 额定电压 Rated voltage	400V
- 额定脉冲电压 Rated impulse voltage	6kV
- 污染程度 Pollution degree	3
依据 UL 的额定电压 Rated voltage	600V
绝缘电阻 Insulation resistance	$\geq 10^{10}\Omega$
材料 Material	聚碳酸酯 Polycarbonate
工作温度范围 Limiting temperatures	-40°C ... +125°C
依据 UL94 阻燃等级 Flammability	V0
可拔插次数 Mating cycles	≥ 500

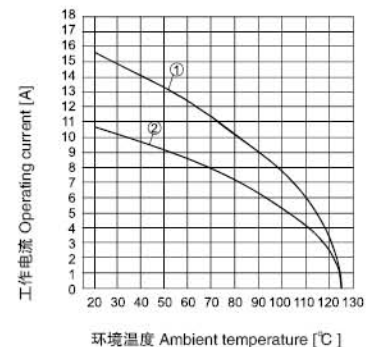
2 插针 Contacts

材料 Material	铜合金 Copper alloy
表面处理 Surface	镀银 Hard-silver plated
	镀金 Hard-gold plated
接触电阻 Contact resistance	$\leq 1\text{m}\Omega$
冷压连接 Crimp terminal	
- mm ²	0.14-4 mm ²
- AWG	26-12

电流负载能力 Current carrying capacity

电流负载能力所受的限制主要来自包含接插针的接插体可承受的最大温度测试和控制过程依据 DIN EN 60512-5

Current load capacity, mainly from the restrictions include plug the plug of the needle body can withstand maximum temperature Testing and control process according to DIN EN 60512-5



① 24B 外壳 带 6 个模块, 导线截面 Wire gauge: 2.5 mm²

② 24B 外壳 带 6 个模块, 导线截面 Wire gauge: 1.5 mm²

HM-020 模块连接器 MODULAR CONNECTORS

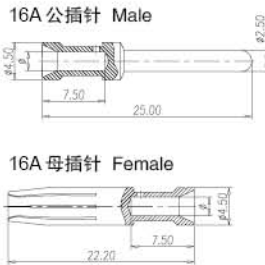
额定电流 Rated current: 16A 额定电压 Rated voltage: 500V

接线方式: 冷压针压接 Termination methods: Crimp terminal (冷压针请单独订购 Order crimp contacts separately)	型号 Type	订货号 Part No.		尺寸图 Drawing (mm)		
		公接插针 Male insert	母接插针 Female insert			
	HM-020-M	5140203001				
	HM-020-F		5140203101			

16A 镀银冷压针 Crimp contacts, silver-plated

技术参数 Technical data

材质: 铜镀银
Material: Copper, hard silver
接触电阻 Contact resistance: $\leq 1\text{m}\Omega$
接线形式: 冷压接线
Termination methods: Crimp connection



线径 (mm ²) Wire gauge	接线长度 Stripping length	公接插针 Male insert 型号 Type	公接插针 Male insert 订货号 Part No.	母接插针 Female insert 型号 Type	母接插针 Female insert 订货号 Part No.
0.14-0.37	AWG26-22	CEM-0.37	3330006127	CEF-0.37	3330006227
0.5	AWG20	CEM-0.5	3330006121	CEF-0.5	3330006221
0.75	AWG18	CEM-0.75	3330006114	CEF-0.75	3330006214
1.0	AWG18	CEM-1.0	3330006105	CEF-1.0	3330006205
1.5	AWG16	CEM-1.5	3330006104	CEF-1.5	3330006204
2.5	AWG14	CEM-2.5	3330006102	CEF-2.5	3330006202
4.0	AWG12	CEM-4.0	3330006107	CEF-4.0	3330006207

技术参数 Technical characteristics

1 插芯 Inserts

接插件针数 Inserts Number of contacts	20
依据 DIN EN 61984 的电气数据 Electrical data	
- 额定电流 Rated current	16A
- 额定电压 Rated voltage	500V
- 额定脉冲电压 Rated impulse voltage	6kV
- 污染程度 Pollution degree	3
依据 UL 的额定电压 Rated voltage	600V
绝缘电阻 Insulation resistance	$\geq 10^{10}\Omega$
材料 Material	聚碳酸酯 Polycarbonate
工作温度范围 Limiting temperatures	-40°C ... +125°C
依据 UL94 阻燃等级 Flammability	V0
可拔插次数 Mating cycles	≥ 500

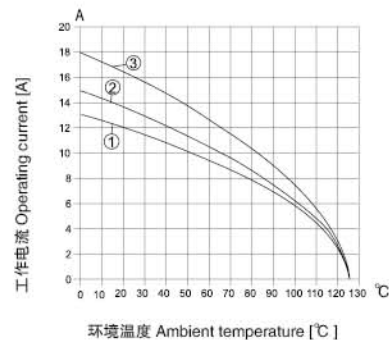
2 插针 Contacts

材料 Material	铜合金 Copper alloy
表面处理 Surface	镀银 Hard-silver plated
	镀金 Hard-gold plated
接触电阻 Contact resistance	$\leq 1\text{m}\Omega$
冷压连接 Crimp terminal	
-mm ²	0.14-4.0mm ²
-AWG	26-12

电流负载能力 Current carrying capacity

电流负载能力所受的限制主要来自包含接插针的接插体可承受的最大温度测试和控制过程依据 DIN EN 60512-5

Current load capacity, mainly from the restrictions include plug the plug of the needle body can withstand maximum temperature Testing and control process according to DIN EN 60512-5



- ① 24B 外壳带3个模块, 导线截面 Wire gauge: 1.5 mm²
- ② 24B 外壳带3个模块, 导线截面 Wire gauge: 2.5 mm²
- ③ 24B 外壳带3个模块, 导线截面 Wire gauge: 4.0 mm²