HK 技术特性 Technical characteristics

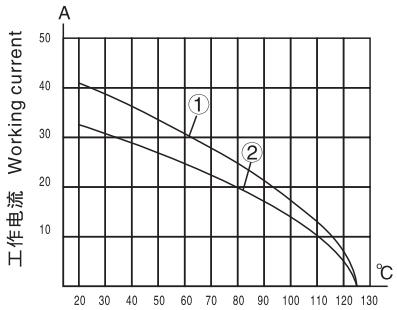




电流负载能力
Current carrying capacity

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
The current carrying is limited by maximum temperature of materials for inserts and contacts including terminals

测试和控制过程依据DIN IEC 60512-5
Control and test procedures according to DIN IEC 60512-5



环境温度/Ambient temperature
①wire gauge:4.0mm²
②wire gauge:2.5mm²

规范/Specifications

	DIN EN 60 664
	DIN EN 61 984
接插体/Inserts	
接插件针数/Number of contacts	8/24+PE
电源/Power area	16A 400V 3 6KV
工作电流/Working current	
工作电压/Working voltage	
污染等级/Pollution degree	
额定脉冲耐受电压/Rated impulse voltage	
污染等级2时的参数/Pollution degree 2 also	10A 250V 3 4KV
信号/Signal area	10A 160V 3 2.5KV
工作电流/Working current	
工作电压/Working voltage	
污染等级/Pollution degree	
额定脉冲耐受电压/Rated impulse voltage	
据UL/CSA工作电压/Working voltage acc.to UL/CSA	600V/300V
材料/Material	Polycarbonate
绝缘电阻/Insulation resistance	≥10^{10}Ω
阻燃等级UL94/Flammability acc.to(UL94)	V0
工作温度范围/Limiting temperatures	-40℃ ~ +125℃
插拔次数/Mechanical working life (mating cycles)	≥500
接插针/Contacts	
材料/Material	铜/Copper alloy
表面处理/Surface	镀金/Gold plated
接触电阻/Contact resistance	镀银/Silver plated
	≤1mΩ/3mΩ
接线形式/Terminal	冷压连接/Crimp terminal
导线规格/Wire gauge	0.5-4.0mm²/0.14-2.5mm²
	AWG20-12/26-14

SO–HK

插芯/Insert 400/250V 16/10A

接插件针数
Number of contacts

8/24+⏚

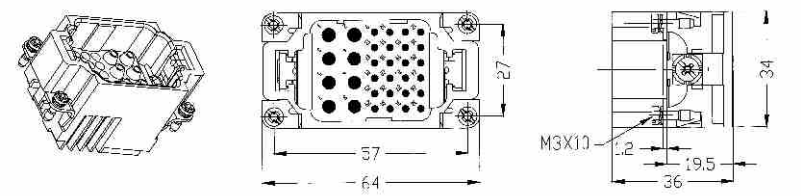




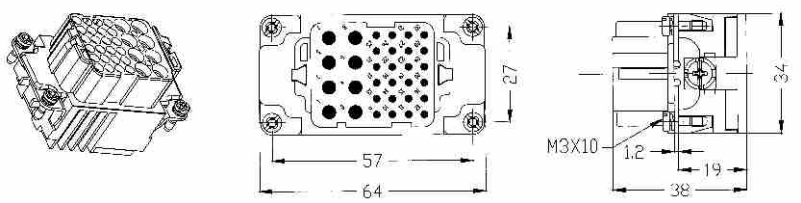
TYPE SO–HK–008/24–MC SO–HK–008/24–FC

尺寸图
Drawing (Dimensions in mm)

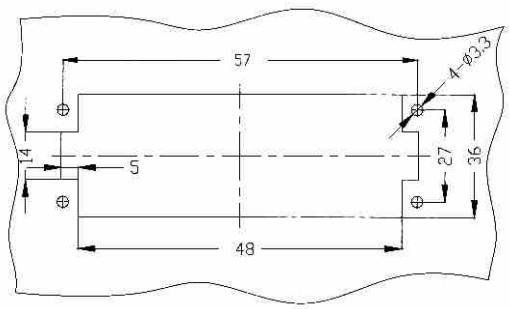
公插体
Male insert (MC)



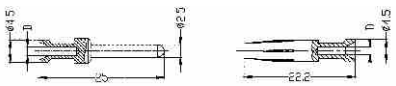
母插体
Female insert (FC)



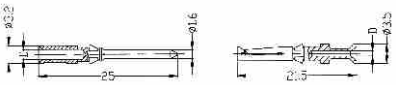
面板安装开孔图
Panel cut out for inserts for use without hoods/housings



Note: 配套外壳 Suit hood/housing: Size H10B
外壳详细参数见“外壳部分”
Hood/Housing detail on "Hood/Housing" section



Crimp contacts	Wire gauge		D	Stripping length
Gold plated	0.14–0.37mm²	AWG 26–22	0.90mm	7.5mm
	0.5mm²	AWG 20	1.10mm	7.5mm
	0.75mm²	AWG 18	1.30mm	7.5mm
	1.0mm²	AWG 18	1.45mm	7.5mm
Silver plated	1.5mm²	AWG 16	1.75mm	7.5mm
	2.5mm²	AWG 14	2.25mm	7.5mm
	3.0mm²	AWG 12	2.55mm	7.5mm
	4.0mm²	AWG 12	2.85mm	7.5mm



Crimp contacts	Wire gauge		D	Stripping length
Gold plated	0.14–0.37mm²	AWG 26–22	0.90mm	8mm
	0.5mm²	AWG 20	1.10mm	8mm
	0.75mm²	AWG 18	1.30mm	8mm
Silver plated	1.0mm²	AWG 18	1.45mm	8mm
	1.5mm²	AWG 16	1.75mm	8mm
	2.5mm²	AWG 14	2.25mm	6mm

Note: 10/16A冷压针需另外订购，订货号详情请参见第73页
Crimp termina of 10/16A should order contacts pins separately, detail please refer to page 73