

HQ微型驱动接插件

HQ series connectors

接插件针数 Number Of Contacts 5,7+PE

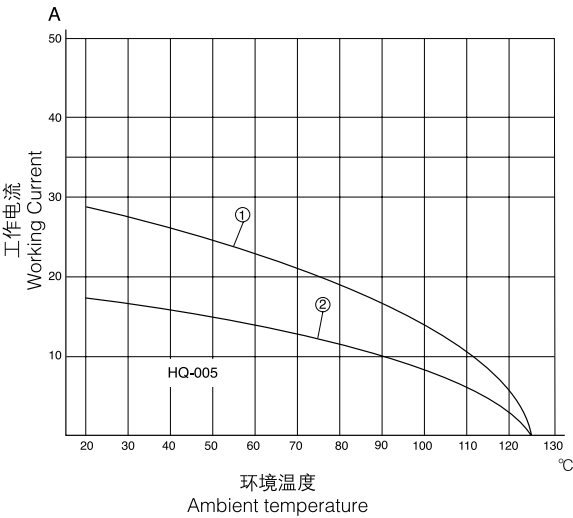
技术参数

	HQ 接插体
接插体 Inserts	
工作电流 working current (见电流负载图 see current carrying capacity)	16 Amax.
工作电压 working voltage	400V
测试电压 test voltage urms	4kV
隔离电阻 Insulation resistance	≥ 10 ¹⁰ Ω
工作温度范围 temperature range	-40℃...+125℃
可拔插次数 mechanical working life-mating cycles	≥ 500
接插针 Contacts	
材料 material	铜 copper alloy
表面处理 surface	镀银 hard silver-plated 镀金 hard gold-plated
接触电阻 contact resistance	≤ 4mΩ
接线形式 terminal	冷压针压接 crimp terminal
-mm ²	0.25-2.5mm ²
-AWG	24-14
拧紧力矩 / 测试力矩 tightening/test torque	0.5 Nm

电流曲线

电流负载能力 Current carrying capacity

电流负载能力所受的限制主要来自自己包含接插针的接插体可承受的最大温度。
The current carrying is limited by maximun temperature of materials for inserts and contacts including terminals.



- ① 线径 Wire gauge: 2.5mm²
- ② 线径 Wire gauge: 1.5mm²

总览 Contents

型号 type	额定电压 rated voltage	额定电流 rated current	插针数 pole	弹片联接 crimp terminal	螺钉联接 screw terminal	冷压联接 crimp terminal	轴向压接式 axial terminal	页码 page no.
HQ-005	400V	16A	5+ 			●		K.04
HQ-007	400V	10A	7+ 			●		K.06

HQ-005 插芯 HQ-005 Inserts

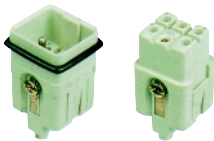
400V, max.16A, H3A

5+ 



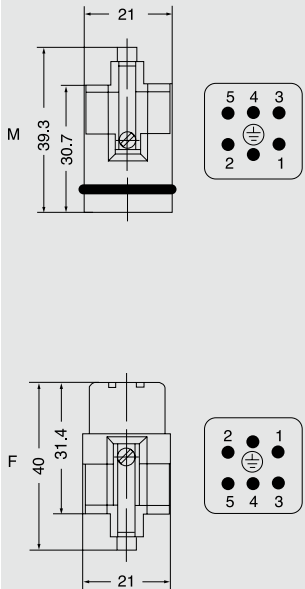
插芯 Inserts

螺钉联接



Screw terminal

插芯 inserts	型号 type	订货号 order No.
公 male	HQ-005-M	8912440000
母 female	HA-005-F	8912460000

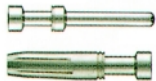


K

零配件 Accessory

冷压插针

表面镀银 Silver-plated



表面镀金 Gold-plated



工具



Crimp Contacts

数量 quantity	公 male	订货号 order No.	母 female	订货号 order No.
100	CEM-0.5	8200500000	CEF-0.5	8201100000
100	CEM-0.75	8200600000	CEF-0.75	8201200000
100	CEM-1.0	8200700000	CEF-1.0	8201300000
100	CEM-1.5	8200800000	CEF-1.5	8201400000
100	CEM-2.5	8200900000	CEF-2.5	8201500000
100	DEM-0.5	8651420000	DEF-0.5	8651470000
100	DEM-0.75	8651430000	DEF-0.75	8651480000
100	DEM-1.0	8651440000	DEF-1.0	8651490000
100	DEM-1.5	8651450000	DEF-1.5	8651500000
100	DEM-2.5	8651460000	DEF-2.5	8651510000

Tools

压针工具 crimping tool	订货号 order No.
CHW-0.5/4	8018490000
退针工具 removal tool	订货号 order No.
退针工具 HE	8866750000



导线截面积 Wire gauge	剥线长度 Stripping length
0.50mm ²	AWG20 7.5mm
0.75-1.00mm ²	AWG18 7.5mm
1.50mm ²	AWG16 7.5mm
2.50mm ²	AWG14 7.5mm
4.00mm ²	AWG12 7.5mm

重载连接器外壳 H3A
Hood & Housing SIZE H3A

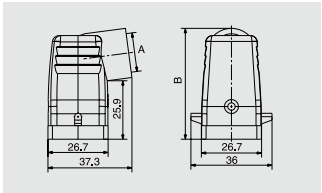


插头外壳 Hood

插头外壳，侧面进线



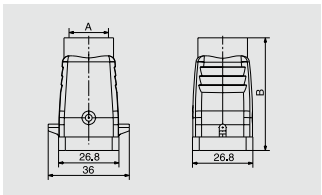
A	描述 detail	防尘盖 cover	B(mm)	型号 tpye	订货号 order No.
M18	带螺纹 thread		49.2	H3A-UXMU-1M18G	8788810000
PG11	带螺纹 thread		49.2	H3A-UXMU-1PG11G	8652480000



插头外壳，顶部进线



A	描述 detail	防尘盖 cover	B(mm)	型号 tpye	订货号 order No.
M18	带螺纹 thread		50	H3A-UPMU-1M18G	8788820000
PG11	带螺纹 thread		50	H3A-UPMU-1PG11G	8652470000

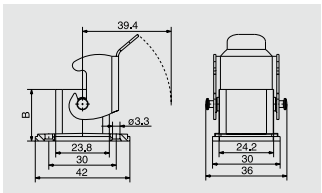


底座 Housing

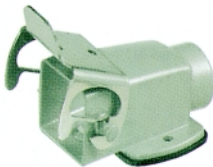
防尘盖



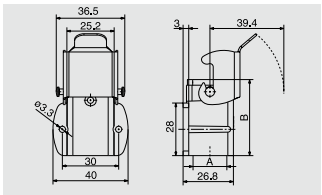
描述 detail	防尘盖 cover	B(mm)	型号 tpye	订货号 order No.
		53.5	H3A-LPMU	8788840000
直角 right-angle		53.5	H3A-LPMU	8652500000



穿体式插座外壳



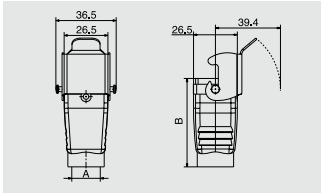
A	描述 detail	防尘盖 cover	B(mm)	型号 tpye	订货号 order No.
M18	带螺纹 thread		25.8	H3A-TMU-1M18G	8788830000
PG11	带螺纹 thread		25.8	H3A-TMU-1PG11G	8652490000



底座封闭型插座外壳



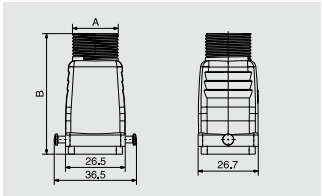
A	描述 detail	防尘盖 cover	B(mm)	型号 tpye	订货号 order No.
M18	带螺纹 thread		53.5	H3A-LPMU-1M18G	8788840000
PG11	带螺纹 thread		53.5	H3A-LPMU-1PG11G	8652500000



对接外壳



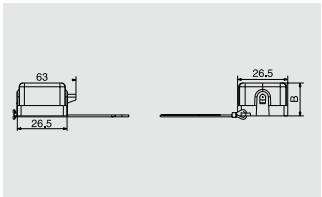
A	描述 detail	防尘盖 cover	B(mm)	型号 tpye	订货号 order No.
M18	带螺纹 thread		54	H3A-FMU-1M18G	8900320000
PG13.5	带螺纹 thread		54	H3A-FMU-1PG11G	8900330000



防尘盖



描述 detail	型号 tpye	订货号 order No.
用于插座 for housing	H3A-CNM-200	8665750000
用于插头 for hood	H3A-CPM-200	8665740000



HQ-007 插芯 HQ-007 Inserts

400V, max. 16A, H3A

7+ 



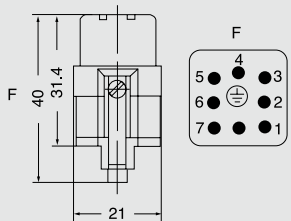
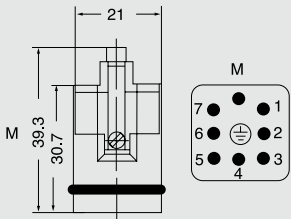
插芯 Inserts

螺钉联接



Screw terminal

插芯 inserts	型号 type	订货号 order No.
公 male	HQ-005-M	8919970000
母 female	HA-005-F	8919980000

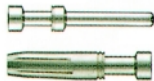


K

零配件 Accessory

冷压插针

表面镀银 Silver-plated



表面镀金 Gold-plated



工具



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100	CEM-1.5	8200800000	CEF-1.5	8201400000
100	CEM-2.5	8200900000	CEF-2.5	8201500000
100	DEM-0.5	8651420000	DEF-0.5	8651470000
100	DEM-0.75	8651430000	DEF-0.75	8651480000
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退针工具 removal tool	订货号 order No.
退针工具 HE	8866750000



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重载连接器外壳 H3A
Hood & Housing SIZE H3A

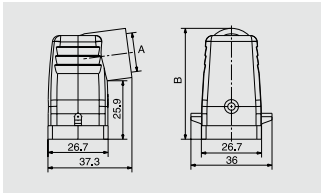


插头外壳 Hood

插头外壳，侧面进线



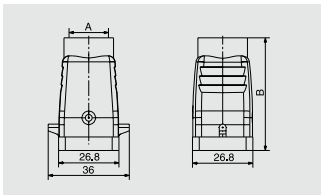
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PG11	带螺纹 thread		49.2	H3A-UXMU-1PG11G	8652480000



插头外壳，顶部进线



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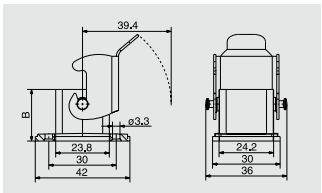


底座 Housing

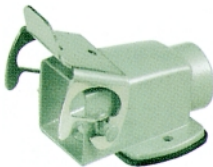
防尘盖



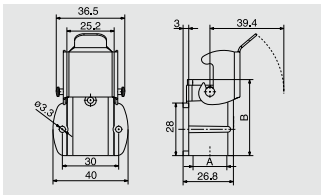
描述 detail	防尘盖 cover	B(mm)	型号 tpye	订货号 order No.
		53.5	H3A-LPMU	8788840000
直角 right-angle		53.5	H3A-LPMU	8652500000



穿体式插座外壳



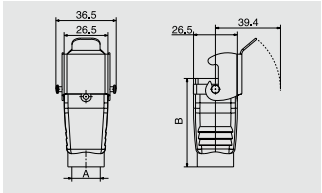
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底座封闭型插座外壳



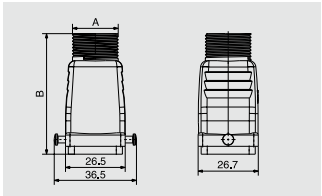
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PG11	带螺纹 thread		53.5	H3A-LPMU-1PG11G	8652500000



对接外壳



A	描述 detail	防尘盖 cover	B(mm)	型号 tpye	订货号 order No.
M18	带螺纹 thread		54	H3A-FMU-1M18G	8900320000
PG13.5	带螺纹 thread		54	H3A-FMU-1PG11G	8900330000



防尘盖



描述 detail	型号 tpye	订货号 order No.
用于插座 for housing	H3A-CNM-200	8665750000
用于插头 for hood	H3A-CPM-200	8665740000

