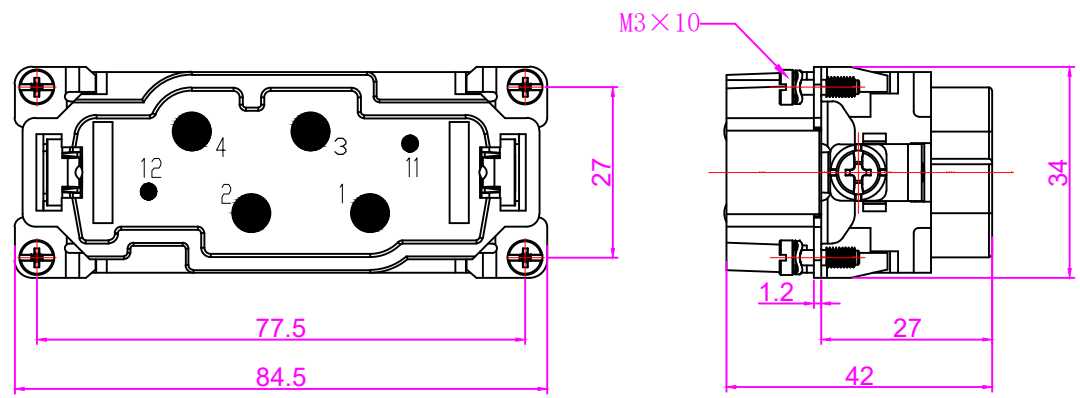
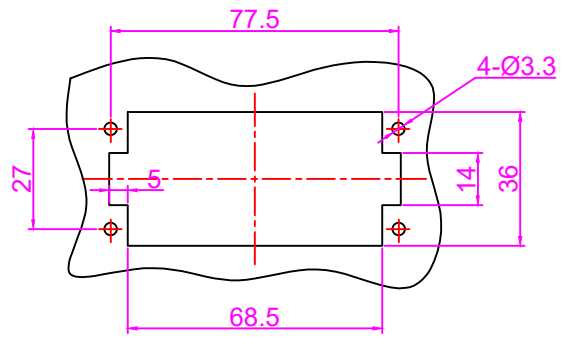


REVISION DATA				
SYM	ECN	DESCRIPTION	DATE	APPROVED



技术参数:  
 插芯:  
 插针数: 4/2+PE  
 电源:  
 额定电流: 80A  
 工作电压: 690V  
 额定脉冲电压: 8KV  
 污染等级: 3  
 信号:  
 额定电流: 16A  
 工作电压: 400V  
 额定脉冲电压: 6KV  
 污染等级: 3  
 依据UL/CSA的额定电压: 600V  
 绝缘阻抗:  $\geq 10^{10} \Omega$   
 材料: 聚碳酸酯  
 温度范围:  $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$   
 依据UL94的阻燃等级: V0  
 可插拔次数:  $\geq 500$

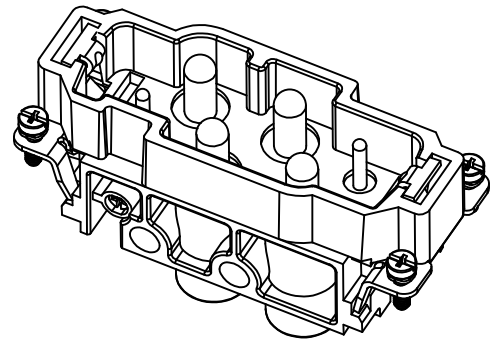
Specifications:  
 Inserts:  
 Number of contacts: 4/2+PE  
 Power arera:  
 Rated current: 80A  
 Rated voltage: 690V  
 Rated impulse voltage: 8KV  
 Pollution degree: 3  
 Signal area:  
 Rated current: 16A  
 Rated voltage: 400V  
 Rated impulse voltage: 6KV  
 Pollution degree: 3  
 Rated voltage acc. to UL/CSA: 600V  
 Insulation resistance:  $\geq 10^{10} \Omega$   
 Material: Polycarbonate  
 Limiting temperatures:  $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$   
 Flammability acc. to (UL94): V0  
 Mechanical working life -mating cycles:  $\geq 500$



面板开孔图  
Panel cut

插针:  
 接线方式: 螺钉连接  
 材料: 铜合金  
 表面处理: 镀银  
 接触电阻:  
 电源:  $\leq 3 \Omega$   
 信号:  $\leq 1 \Omega$   
 线径范围:  
 电源:  $1.5 \sim 16 \text{mm}^2$  (AWG16-6)  
 信号:  $1.0 \sim 2.5 \text{mm}^2$  (AWG18-14)  
 拧紧力矩:  
 电源:  $\text{mm}^2$  1.5 2.5 4 6 10 16  
 $\text{N} \cdot \text{m}$  1.2 2 3 3 3 3  
 信号:  $0.5 \text{N} \cdot \text{m}$

Contacts:  
 Terminal: screw terminal  
 Material: Brass  
 Surfac: hard-silver plated  
 Contact resistance:  
 Power arera:  $\leq 3 \text{m} \Omega$   
 Signal area:  $\leq 1 \text{m} \Omega$   
 Crimp terminal  
 Power arera:  
 Wire gauge-- $\text{mm}^2$ :  $1.5 \sim 16 \text{mm}^2$   
 Wire gauge--AWG: 16-6  
 Signal area:  
 Wire gauge-- $\text{mm}^2$ :  $1.0 \sim 2.5 \text{mm}^2$   
 Wire gauge--AWG: 18-14  
 Tightening/Test torque:  
 Power arera:  $\text{mm}^2$  1.5 2.5 4 6 10 16  
 $\text{N} \cdot \text{m}$  1.2 2 3 3 3 3  
 Signal area:  $0.5 \text{N} \cdot \text{m}$



Tolerance	SIGNATURE	DATE	Units	mm
0~ $\leq 20 \pm 0.15$	DRAW		Size	A4
20~ $\leq 50 \pm 0.25$	DESIGN		Scale	
50~ $\leq 80 \pm 0.35$	CHECK		Sheet	
80~ $\leq 120 \pm 0.50$	APPROVE		Proj.	

**DUKERUI** 宁波欧科瑞连接器有限公司  
NINGBO OUKERUI CONNECTOR CO.,LTD.

PART NAME: HZW-HK-4/2-M

Drawing NO. REV

Material A