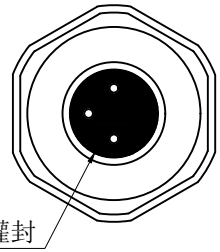
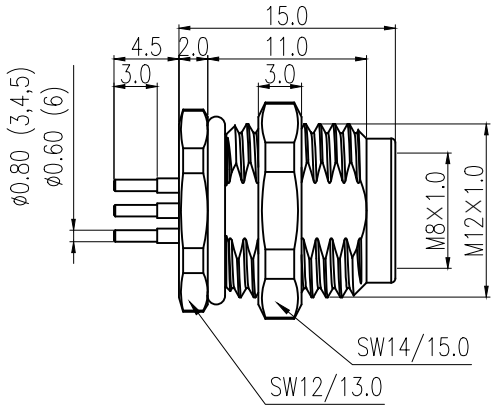
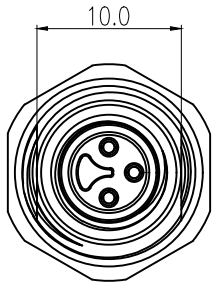
版次 Rev.	ECN编号 ECN No.	修改说明 Reversion Description	设计 Designed	审核 Checked	核准 Approved

CONNECTOR PARAMETERS 连接器参数

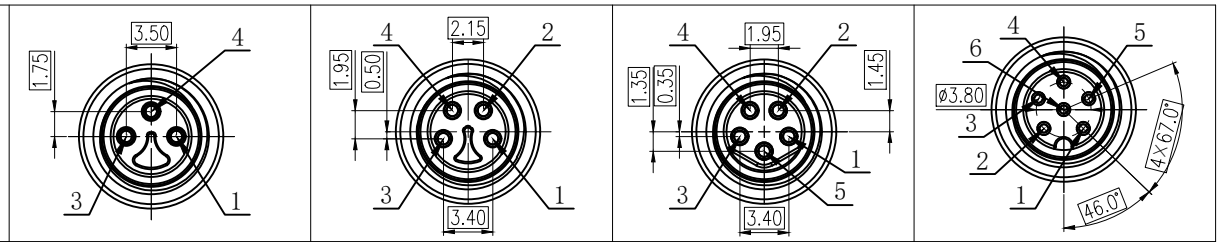
CONNECTOR TYPE 连接器类型	M8
CORE NUMBER 芯数	3/4/5/6
RATED VOLTAGE 额定电压	50V AC/60V DC（3，4） 30V （5，6）
RATED CURRENT（40℃） 额定电流	3/3/3/1.5 A (40℃)
WITHSTAND VOLTAGE 耐电压	1.0/1.0/0.65/0.65 kV (R.M.S)
INSULATION RESISTANCE 绝缘强度	≥500MΩ
CONTACT MATERIAL 接触件材质	COPPER ALLOY 铜合金
TERMINAL TYPE 端接类型	PCB 浸焊型
SHELL MATERIAL 外壳材质	COPPER ALLOY 铜合金
INSERTS MATERIAL 插体材质	PA66+GF
OPERATING TEMPERATURE 工作温度	-40℃~+85℃
IP DEGREE IP 等级	IP67
WIRE GAUGE RANGE 线芯范围	/
FLAMMABILITY 阻燃性	UL 94-V0
MECHANICAL OPERATION 机械寿命循环	≥100 cycles



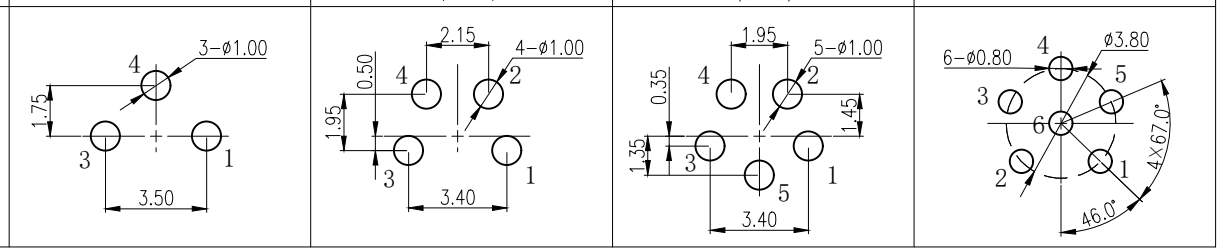




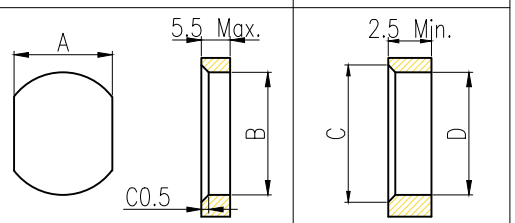
孔位示意图 HOLES ARRANGEMENT



PCB推荐开孔(2:1) PCB LAYOUT REFERENCE



面板安装尺寸 Panel Cut-out



	A	B	C	D
M11×1.0	Ø10.2 $^{+0.1}_{0}$	Ø11.2 $^{+0.1}_{0}$	Ø12.0	M11×1.0
M12×1.0	Ø10.2 $^{+0.1}_{0}$	Ø12.2 $^{+0.1}_{0}$	Ø13.0	M12×1.0

自由公差 Free Tolerances	第三视角 3RD-Projection		单位 Unit	mm	名称 Name	M8 3/4/5/6芯后装浸焊型母插座	重量 Weight: XXg
长度尺寸 Length Dimensions X. ±0.20 .X ±0.10 .XX ±0.05	核准 Approved						材料 Material: /
	审核 Checked				型号 Designation	M8-RF0XPT-R-M11/M12	版本 Rev.: X1
	工艺 Craft				图号 Figure No.	/	
角 度 Angle X. ±1.0° .X ±0.5°	标检 Standarded				图面规格 Size	A4	比例 Scale: 2:1
	设计 Designed				页码 Sheet	1 / 1	

G MATCH
厦门固迈电气有限公司

档案员 Archivist	
日 期 Date	