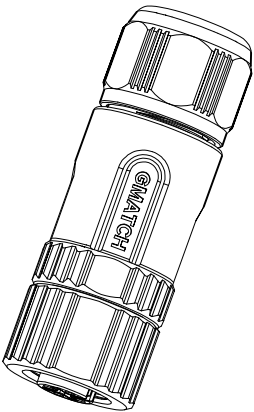


版次 Rev.	ECN编号 ECN No.	修改说明 Revision Description	设计 Designed	审核 Checked	核准 Approved

CONNECTOR PARAMETERS
连接器参数

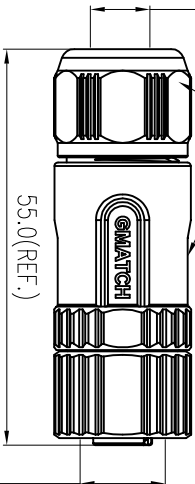
CONNECTOR TYPE 连接器类型	M12 A-CODE
CORE NUMBER 芯数	3/4/5/8
RATED VOLTAGE 额定电压	250/250/60/30 V
RATED CURRENT (40℃) 额定电流	4/4/4/2 A (40℃)
WITHSTAND VOLTAGE 耐压	1.4/1.4/1.0/0.65 kV (R.M.S)
INSULATION RESISTANCE 绝缘强度	≥500M Ω
CONTACT MATERIAL 接触件材质	COPPER ALLOY 铜合金
TERMINAL TYPE 端接类型	SCREW 螺钉型
SHELL MATERIAL 外壳材质	ZINC CASTING/PA66+GF 铸锌/PA66+GF
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	0.14-0.75mm² (3, 4, 5) 0.14-0.50mm² (8)
FLAMMABILITY 阻燃性	UL 94-V0
MECHANICAL OPERATION 机械寿命循环	≥100 cycles



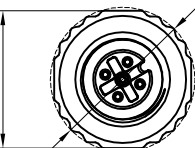
3D MODEL / 3D模型

适配电缆OD范围(4-6,6-8)

SW18.0 (扳手尺寸)



ø20.0



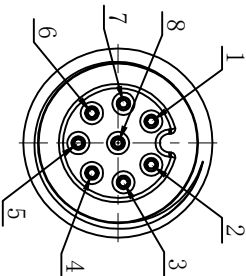
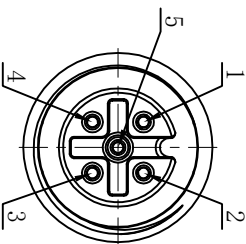
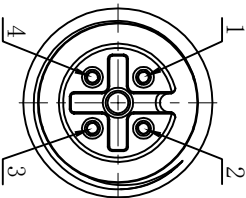
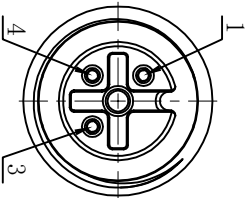
SW19.0 (扳手尺寸)

M12A-PF03T-TD (4-6)
M12A-PF03T-TD (6-8)

M12A-PF04T-TD (4-6)
M12A-PF04T-TD (6-8)

M12A-PF05T-TD (4-6)
M12A-PF05T-TD (6-8)

M12A-PF08T-TD (4-6)
M12A-PF08T-TD (6-8)



孔位示意图 (3芯)

孔位示意图 (4芯)

孔位示意图 (5芯)

孔位示意图 (8芯)

HOLES ARRANGEMENT (3CORE)

HOLES ARRANGEMENT (4CORE)

HOLES ARRANGEMENT (5CORE)

HOLES ARRANGEMENT (8CORE)

NOTE: 0X :接触件PIN数。NUMBER OF CONTACTS .

DDXX:适配电缆外径范围。THE RANGE OF CABLE OD SUITED .

自由公差 Free Tolerances	第三视角 3RD-Projection	单位 Unit	mm	名称 Name	重量 Weight	XXg
长度尺寸 Length Dimensions	核准 Approved			M12A 3/4/5/8芯螺钉型塑料直头母插	材料 Material	/
X. ±0.20	审核 Checked			M12A-PF0XT-TDXX	版本 Rev.	X1
.X ±0.10	工艺 Craft			图号 Figure No.		
.XX ±0.05	标检 Standard			图面规格 Size	A4	比例 Scale
角度 Angle	设计 Designed			页码 Sheet	1 / 1	1:1
X. ±1.0°						
.X ±0.5°						

GMATCH

厦门固迈电气有限公司

档案员
Archivist

日期
Date