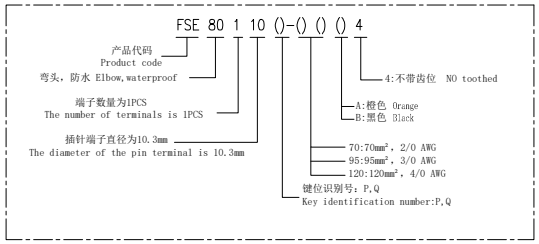
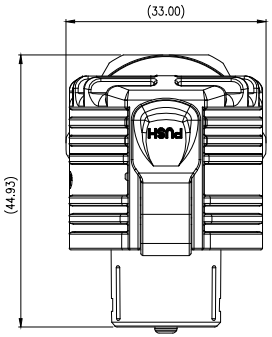
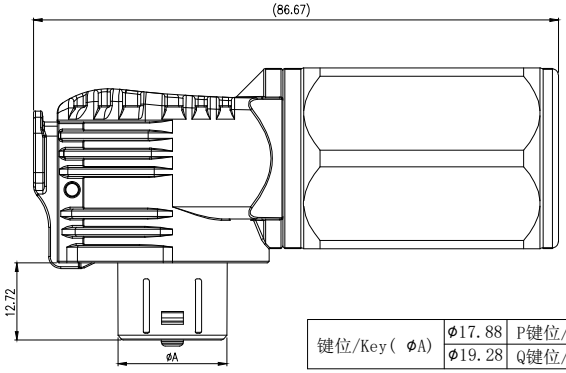
料号P/N	键位 Key	颜色Color	电极Electrode	接线规格wire spec	
FSE80110P-70A4	P键位 Key-P	橙色Orange	正极Positive	70平方非屏蔽; 2/0 AWG 70mm² un-shield; 2/0 AWG	适配线径范围: OD of Wire ø15.50±0.50
FSE80110Q-70B4	Q键位 Key-Q	黑色Black	负极Negative		
FSE80110P-95A4	P键位 Key-P	橙色Orange	正极Positive	95平方非屏蔽; 3/0 AWG 95mm² un-shield; 3/0 AWG	适配线径范围: OD of Wire ø18.0±0.50
FSE80110Q-95B4	Q键位 Key-Q	黑色Black	负极Negative		
FSE80110P-120A4	P键位 Key-P	橙色Orange	正极Positive	120平方非屏蔽; 4/0 AWG 120mm² un-shield;4/0 AWG	适配线径范围: OD of Wire ø19.0±0.50
FSE80110Q-120B4	Q键位 Key-Q	黑色Black	负极Negative		

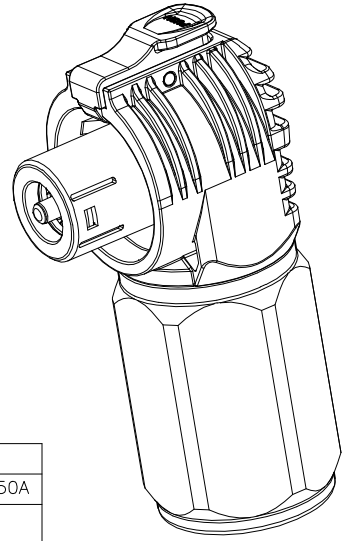


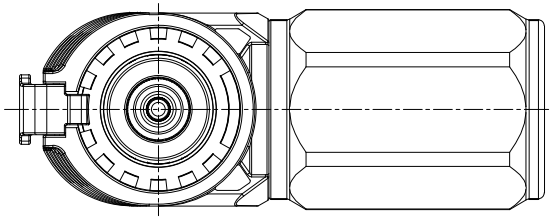
REVISIONS					
REV	ECN NO	DESCRIPTION	DATE	BY	APPR
A1	--	RELEASE DRAWING	2024.01.13	Carl	BENSON

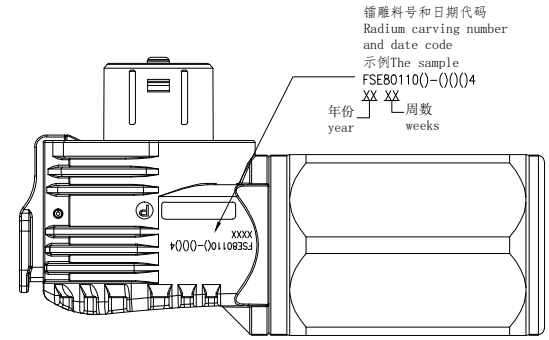




键位/Key(øA)	ø17.88	P键位/P-Key
	ø19.28	Q键位/Q-Key







NOTE:

1. 外观表面无划痕、划伤、污渍，异物等缺陷
   No scratches, scratches, stains, foreign matter and other defects on the appearance surface
2. 产品功能说明参考TABLE 1
   Product Function Description Reference TABLE 1
3. 产品使用PE袋+纸箱包装
   Products are packaged in PE bags + cartons
4. 产品符合ROHS
   Products conform to ROHS

TABLE 1:

项目 Item	规格 SPEC
额定电流 rated current	TUV:300A/350A/380A ;UL:280A/320A/350A
接线规格 Wiring specifications	TUV：70mm², 95mm², 120mm²; UL： 2/0AWG, 3/0AWG, 4/0AWG; 均需使用镀锡线缆Use tin-plated cables
工作电压 Operating voltage	DC1500V
工作温度 Operating temperature	-40°C~+125°C
温升 Temperature rise	TUV: MAX 55K ; UL: MAX 45K
耐电压 breakdown voltage	6800V AC
绝缘电阻 Insulation resistance	5000MΩ MIN(干燥 drying) 200MΩ MIN(RH 95%)
接触电阻 Contact resistance	0.3 mΩ max
寿命 Durability life	500次 500cycling
盐雾 salt fog	144H（配合状态下 Matching state）
防护等级 Protection Level	IP67B
端子材质 Terminal material	铜合金 Copper alloy
防火等级 Fire rating	UL94-V0
螺套扭矩 Nut torque	1.0~1.2N.M

ITEM	PART NUMBER	Qty	DESCRIPTION	REMARK

MATERIALS LIST

UNLESS OTHERWISE SPECIFIED
1) All dimensions are in metric(mm).
2) Tolerances are as follows:
1 PL DEC ±1.00
2 PL DEC ±0.50 Fractions ±1/64
3 PL DEC ±0.25 Angles ±2°

签 名 SIGNATURE		日期 DATE
制 图 DRAWN	Carl	2024.01.13
审 核 CHECKED		
工 艺 ENGINEER		
批 准 APPROVAL		
客 户 CUSTOMER		

MATERIAL SPECIFICATIONS:
SEE TABLE

DRAWING TYPE
COSTOMER DRAWING

10.3单芯弯头连接器插头（IP67B）

PART NO: FSE80110()-()()()4

第三角投影 THIRD ANGLE PROJECTION	文件编号 FSCM NO.	幅面 SIZE	质量 MASS	版次 REV.	比例 SCALE
		A4	9	A1	1:1

SHEET 1 OF 1 DWG NO: P-FSE80110()-()()()4