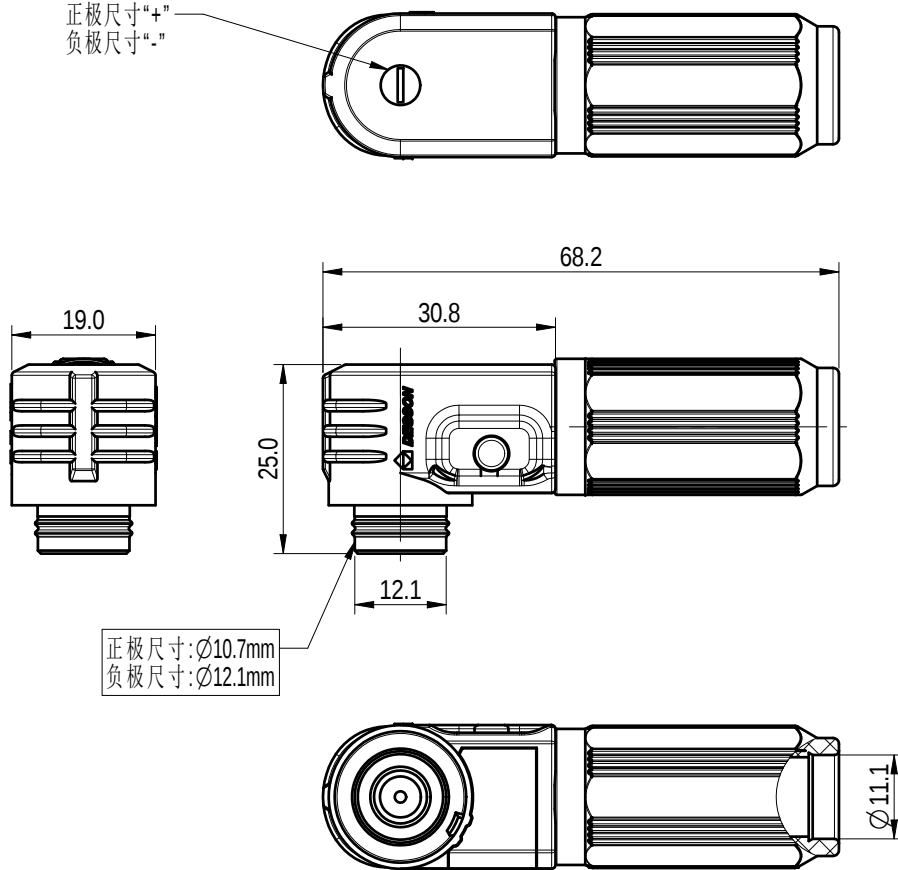




正极尺寸“+”
负极尺寸“-”



正极尺寸: Ø10.7mm
负极尺寸: Ø12.1mm

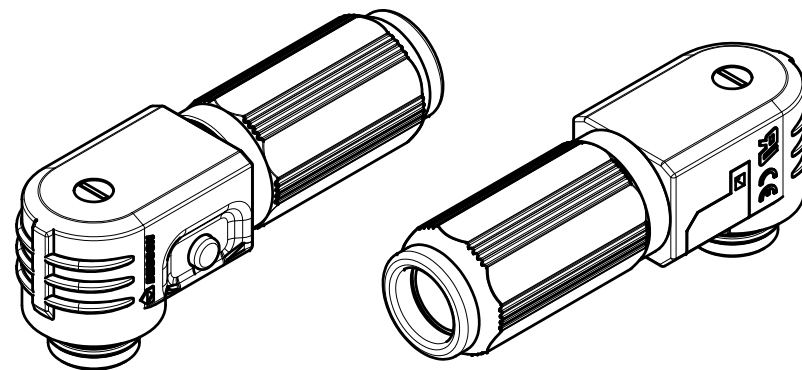
ESP-100A-16-XX-00

Color: BK:Black 负极
OR:Orange 正极
RD:Red 正极

01				
REV	ECN	DESCRIPTION	DRFT	DATE

尺寸公差(mm)					0.05/10 ±1'
0	>30	>60	>100	>150	
~30	~60	~100	~150	~150	
±0.20	±0.30	±0.50	±0.70	±1.00	

技术要求/Technical requirements:	
颜色/Color	Black, Orange, Red
锁紧方式/Locking method	卡扣(Buckle)
接线方式/Terminal	Crimp
外壳材料/Housing material	PA+GF
接触件材料/Connector material	铜合金(Copper alloy)
插入力/Insertion force	60N Max
拔出力/Withdrawal force	>10N
插拔次数/Mechanical working life(mating cycles)	100
接线规格/Wiring specifications	6AWG or 16mm ²
线径OD(Wire diameter)	7.5~9mm
建议剥线长度/Suggested stripping length	13~14mm
额定电压/Rated voltage	1500V DC
额定电流/Rated current	100A
绝缘电阻/Insulate resistance	≥5000MΩ (drying)
耐电压/Withstanding voltage	6800V/min
接触电阻/Contact resistance	≤0.5mΩ
过电压等级/Overvoltage category	III
污染等级/Pollution degree	3
防护等级/Ingress protection	IP67 (Mated)
使用温度范围/Operating temperature(°C)	-40~+125(including temperature rise)
盐雾/Salt spray	48H
储存温度/Storage temperature(°C)	-40~+85
阻燃等级/Flame retardant ability	UL94-V0
符合RoHS环保要求/Conform to RoHS	Yes
UL4128认证/UL4128 certification	E526028
TUV认证/TUV certification	50581738



			MATERIAL:		SURFACE/COLOR:	
			MAT NO./REV: /		MAT STATUS:	
APPD:	刘剑	2024.01.24	NAME ESP-100A-16-XX-00			
CHKD:	于进海	2024.01.21				
DRFT:	张晓瑶	2024.01.17	DRAWING NO.		TYPE	DRAWING STATUS
 A4			200268665		CUSTOMER DRAWING	SCALE 2:1
						SHEET 1/1