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FOR-1755 Rev.1.6

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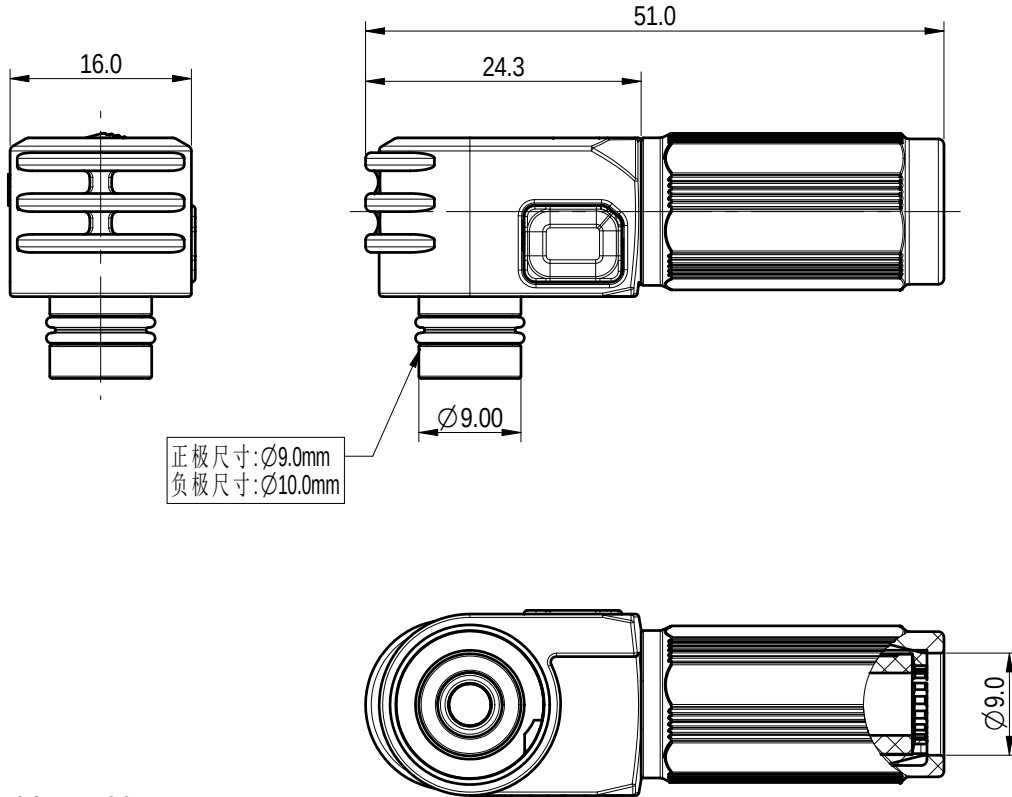
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正极尺寸“+”
负极尺寸“-”



正极尺寸: Ø9.0mm
负极尺寸: Ø10.0mm

ESP-50A-06-XX-00

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



01	ECN	DESCRIPTION	DRFT	DATE
REV	ECN	DESCRIPTION	DRFT	DATE

		MATERIAL:	SURFACE/COLOR:		
APPD: 刘剑		2024.01.24		NAME	
CHKD: 于进海		2024.01.21		ESP-50A-06-XX-00	
DRFT: 张晓瑶		2024.01.17		DRAWING NO.	200268628
				TYPE	CUSTOMER DRAWING
				DRAWING STATUS	SCALE 1.5:1
				SHEET 1/1	

尺寸公差(mm)					
0	>30	>60	>100	>150	0.05/10
~30	~60	~100	~150		±1'
±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	65N Max
拔出力/Withdrawal force	>10N
插拔次数/Mechanical working life(mating cycles)	100
接线规格/Wiring specifications	10AWG or 6mm ²
线径OD(Wire diameter)	4.5~5.5mm
建议剥线长度/Suggested stripping length	8~9mm
额定电压/Rated voltage	1000V DC
额定电流/Rated current	50A
绝缘电阻/Insulate resistance	≥5000MΩ (drying)
耐电压/Withstanding voltage	4250V/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	E530802
TUV认证/TUV certification	50581738
满足户外使用/Satisfy outdoor use	Yes

