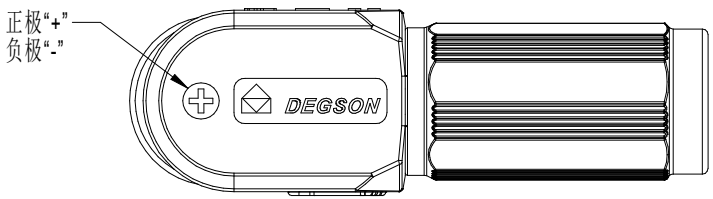
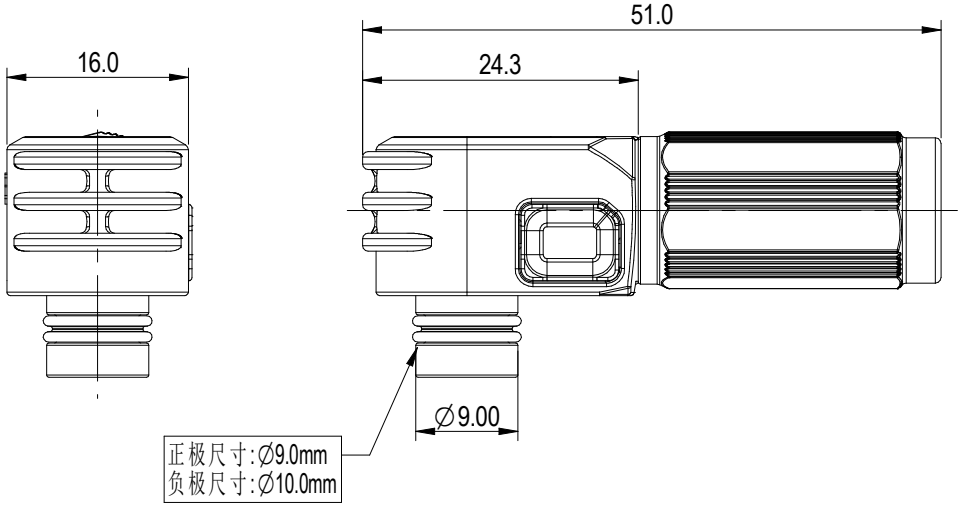
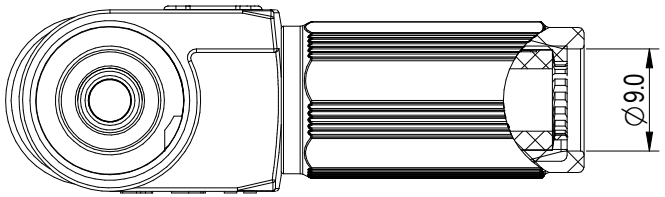
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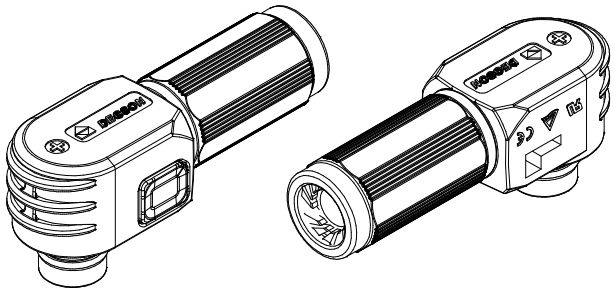


ESP-70A-10-XX-00

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

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

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 materrial	PA+GF
接触件材料/Connector materrial	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	8AWG or 10mm²
线径OD(Wire diameter)	6.5~7.5mm
建议剥线长度/Suggested stipping length	8~9mm
额定电压/Rated voltage	1000V DC
额定电流/Rated current	70A
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	E526028
TUV认证/TUV certification	50581738
满足户外使用/Satisfy outdoor use	Yes



REV	ECN	DESCRIPTION	DRFT	DATE
01				

APPD:	刘剑	2024.01.24
CHKD:	于进海	2024.01.21
DRFT:	张晓瑶	2024.01.17

A4 mm (inch)

MATERIAL:	SURFACE/COLOR:
MAT NO./REV: /	MAT STATUS:

NAME: ESP-70A-10-XX-00

DRAWING NO.	TYPE	DRAWING STATUS	SCALE	SHEET
200268663	CUSTOMER DRAWING		1.5:1	1/1