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FOR-1755 Rev.1.6

2

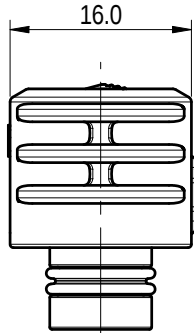
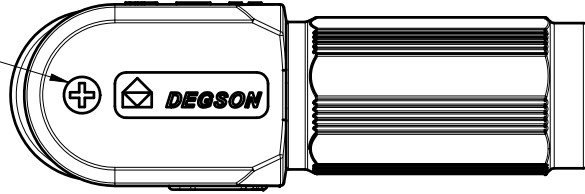
3

4

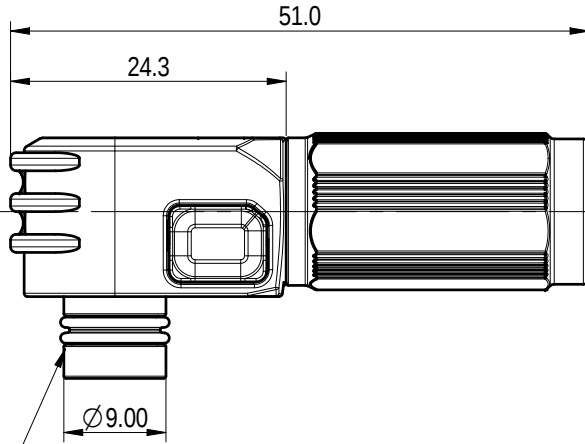
5

6

正极尺寸“+”
负极尺寸“-”



16.0

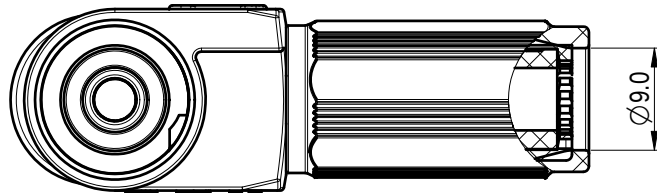


51.0

24.3

Ø9.00

正极尺寸: Ø9.0mm
负极尺寸: Ø10.0mm



Ø9.0

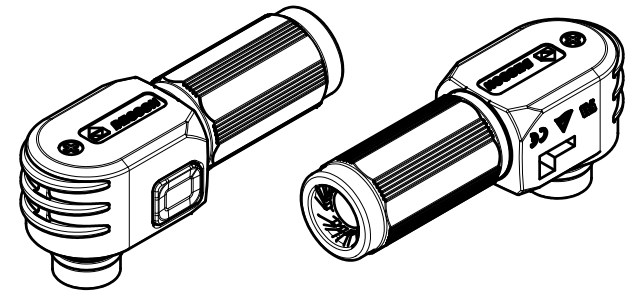
ESP-70A-10-XX-00

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

01	ECN	DESCRIPTION	DRFT	DATE
REV	ECN	DESCRIPTION	DRFT	DATE

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	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 10mm ²
线径OD(Wire diameter)	6.5~7.5mm
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	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	E530802
TUV认证/TUV certification	50581738
满足户外使用/Satisfy outdoor use	Yes



			MATERIAL:		SURFACE/COLOR:		
			MAT NO./REV:		MAT STATUS:		
APPD:	刘剑	2024.01.24	NAME				
CHKD:	于进海	2024.01.21	ESP-70A-10-XX-00				
DRFT:	张晓瑶	2024.01.17	DRAWING NO.	TYPE	DRAWING STATUS	SCALE	SHEET
	A4		200268663	CUSTOMER DRAWING		1.5:1	1/1