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FOR-1755 Rev. 1.6

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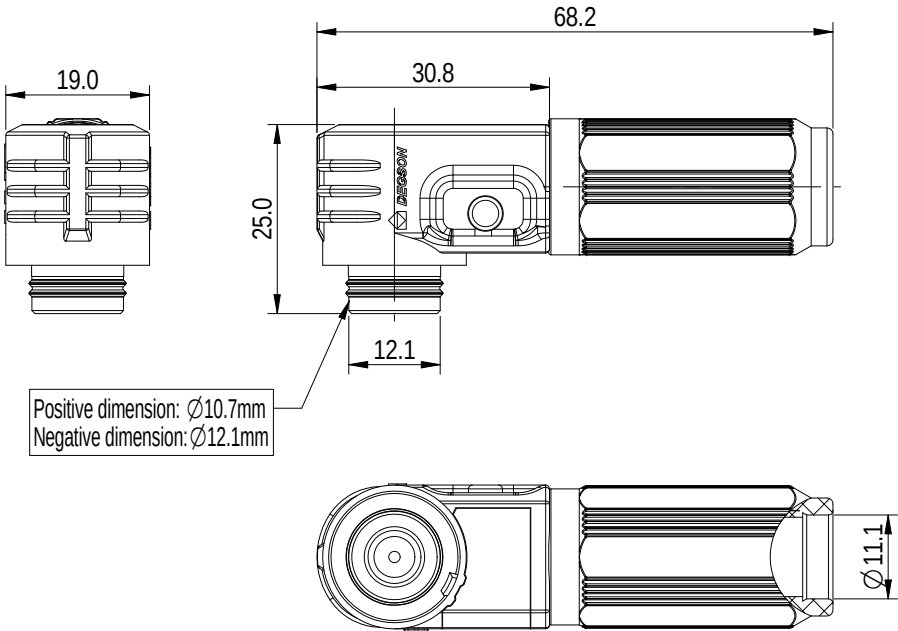
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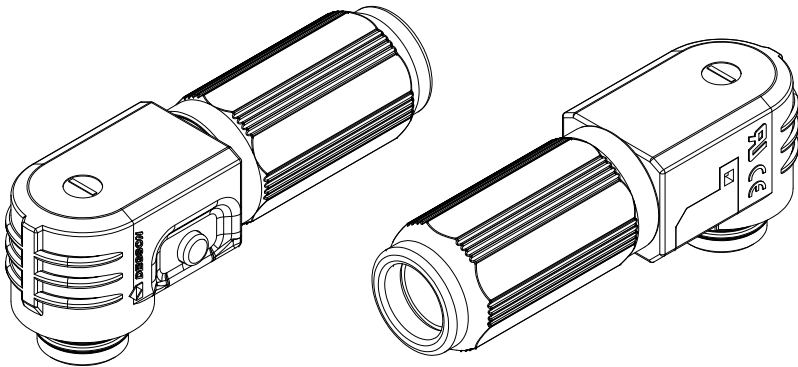
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Dimensional tolerance(mm)					
0	>30	>60	>100	>150	0.05/10
~	~	~	~	~	±1°
30	60	100	150		
±0.20	±0.30	±0.50	±0.70	±1.00	

Positive pole "+"
Negative pole "-"



Technical requirements:	
Color	Black, Orange, Red
Locking method	Buckle
Terminal	Crimp
Housing material	PA+GF
Connector material	Copper alloy
Insertion force	60N Max
Withdrawal force	>10N
Mechanical working life(mating cycles)	100
Wiring specifications	4AWG or 25mm ²
Wire diameter	9~10.3mm
Suggested stripping length	13~14mm
Rated voltage	1500V DC
Rated current	120A
Insulate resistance	≥5000MΩ (drying)
Withstanding voltage	6800V/min
Contact resistance	≤0.5mΩ
Overvoltage category	III
Pollution degree	3
Ingress protection	IP67(Mated)
Operating temperature(° C)	-40~+125(including temperature rise)
Salt spray	48H
Storage temperature(° C)	-40~+85
Flame retardant ability	UL94-V0
Conform to RoHS	Yes
UL4128 certification	E526028
TUV certification	50581738



ESP-120A-25-XX-00L (H)

Color: BK:Black
OR:Orange
RD:Red

			MATERIAL:		SURFACE/COLOR:		
			MAT NO./REV:		MAT STATUS:		
APPD:	Sun YZ	2024. 12. 05	NAME				
CHKD:	Sun YZ	2024. 12. 05	ESP-120A-25-XX-00L (H)				
DRFT:	Li DL	2024. 12. 05	DRAWING NO.	TYPE	DRAWING STATUS	SCALE	SHEET
	A4		CUSTOMER DRAWING			2:1	1/1

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