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FOR-1755 Rev.1.6

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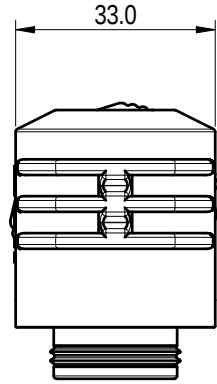
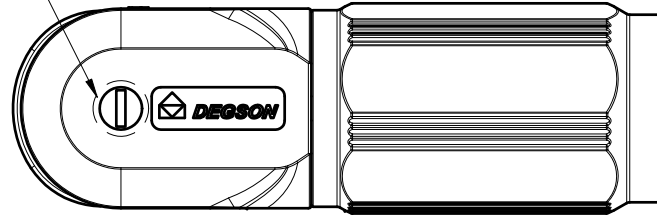
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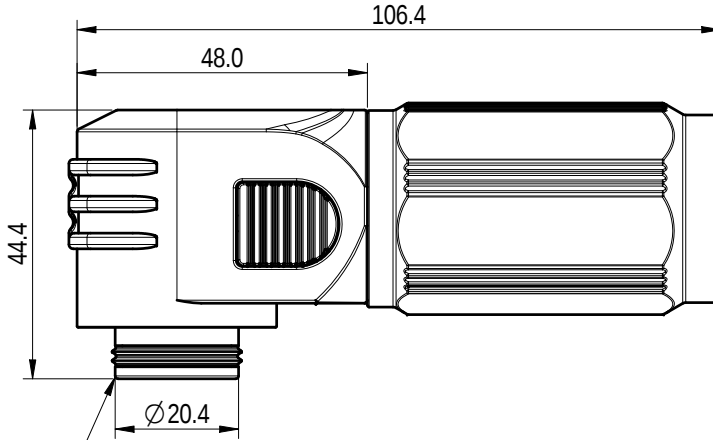
6

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 “-”



33.0



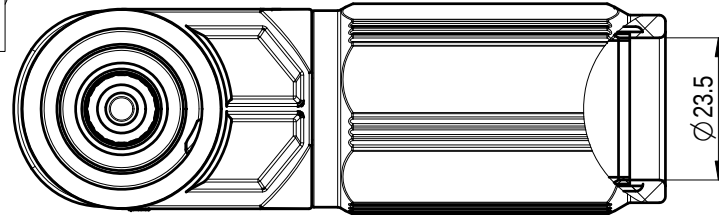
106.4

48.0

44.4

Ø20.4

Positive Pole Dimensions: Ø21.6mm
Negative Pole Dimensions: Ø20.4mm



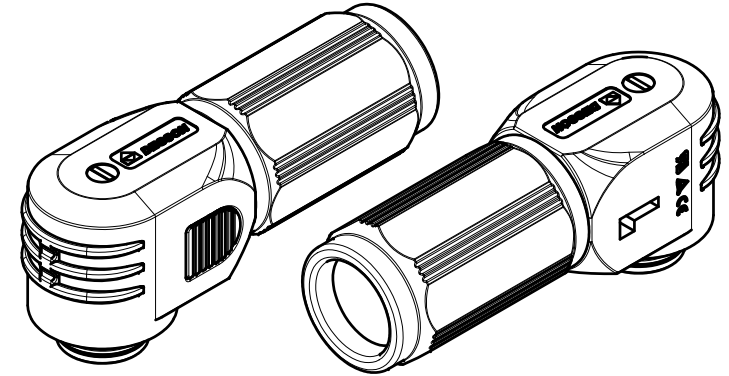
Ø23.5

ESP-400A-250-XX-00L (H)

250: 250Kcmil

Color: BK:Black Negative Pole
OR:Orange Positive Pole
RD:Red Positive Pole

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	80N Max
拔出力/Withdrawal force	>10N
插拔次数/Mechanical working life(mating cycles)	100
接线规格/Wiring specifications	4/0AWG or 120mm ²
线径OD(Wire diameter)	19~22mm
建议剥线长度/Suggested stripping length	22~24mm
额定电压/Rated voltage	1500V DC
额定电流/Rated current	400A(UL4128) 420A(ΔT≤45K)
绝缘电阻/Insulate resistance	≥5000Ω (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
满足户外使用/Satisfy outdoor use	Yes



			MATERIAL:		SURFACE/COLOR:		
			MAT NO./REV:		MAT STATUS:		
APPD:	Sun YZ	2024.12.05	NAME ESP-400A-250-XX-00L (H)				
CHKD:	Sun YZ	2024.12.05					
DRFT:	Li DL	2024.12.05	DRAWING NO.	TYPE	DRAWING STATUS	SCALE	SHEET
	 A4		200284762	CUSTOMER DRAWING		2:1	1/1

01	ECN	DESCRIPTION	DRFT	DATE
REV	ECN	DESCRIPTION	DRFT	DATE

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