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FOR-1755 Rev.1.7

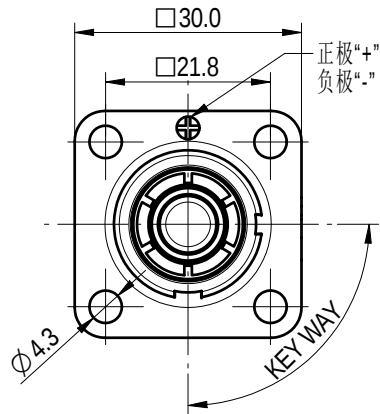
2

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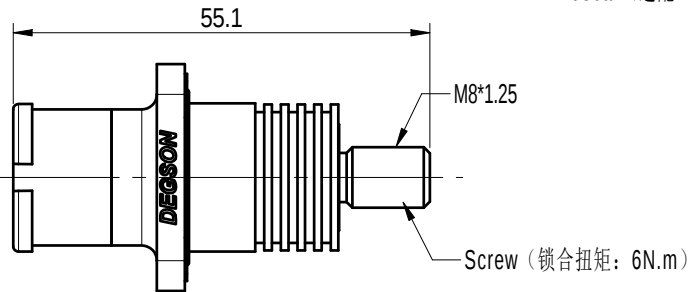
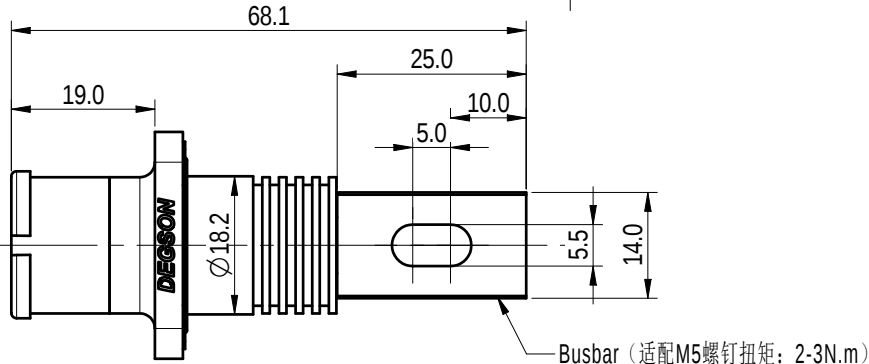
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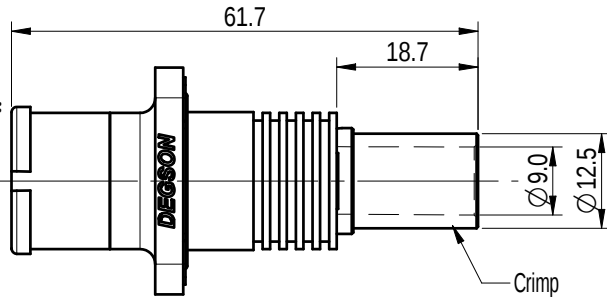
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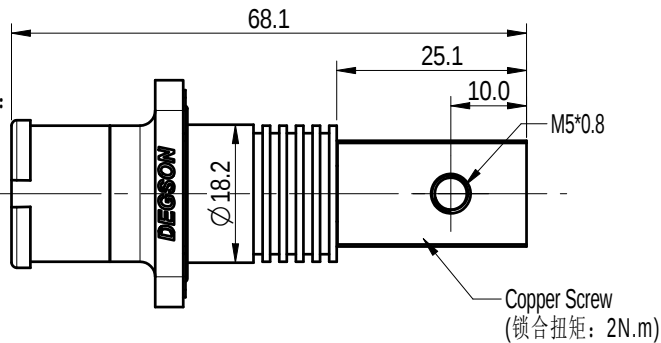
其他接线方式: 形式一:



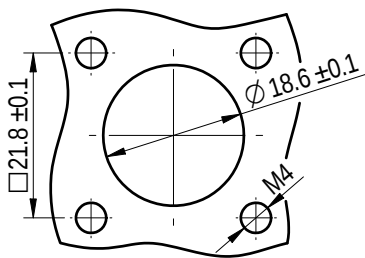
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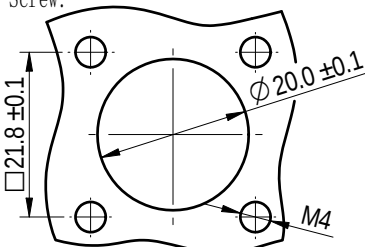
形式三:



Busbar, Crimp, Copper Screw:



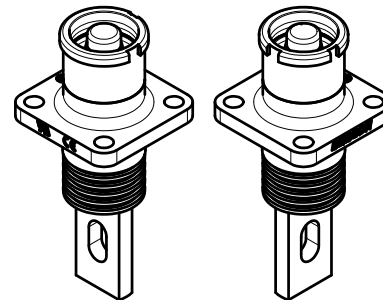
Screw:



Recommended
Panel Cut-Out

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		Busbar, Screw, Crimp, Copper Screw
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		100N Max
拔出力/Withdrawal force		>10N
插拔次数/Mechanical working life(mating cycles)		100
安装螺母紧固扭矩/Screw torque		M4/0.4° 0.7N.m
接线规格/Wiring specifications		24WG or 35mm²
建议剥线长度/Suggested stripping length		13~14mm (Crimp type)
线径Ø/Wire diameter		11~12.5mm(Crimp type)
额定电压/Rated voltage		1500V DC
额定电流/Rated current		150A
绝缘电阻/Insulate resistance		≥5000MΩ (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

仅Busbar的形式3D展示:



ESS-150A-35-X-XX-XX

KEYWAY: 90:90° 正极
18:180° 负极

COLOR: BK: BLACK 负极
OR: ORANGE 正极
RD: RED 正极

CONTACT TERMINATION: B: Busbar
S: Screw
C: Crimp
B/S: Copper Screw

APPD: 刘剑 2024.01.24		CHKD: 于进海 2024.01.21		DRFT: 张晓瑶 2024.01.17		DRAWING NO. 200269812		TYPE CUSTOMER DRAWING		DRAWING STATUS		SCALE 1:1		SHEET 1/1	
MATERIAL:		MAT NO./REV:		NAME		SURFACE/COLOR:		MAT STATUS:		ESS-150A-35-X-XX-XX					

01	REV	ECN	DESCRIPTION	DRFT	DATE