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FOR-1755 Rev.1.7

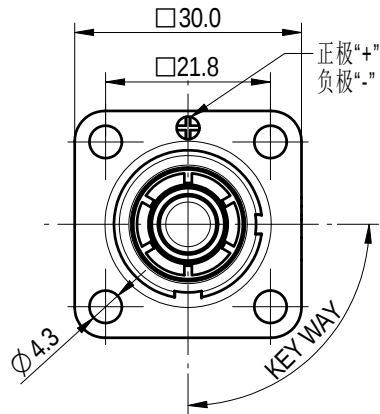
2

3

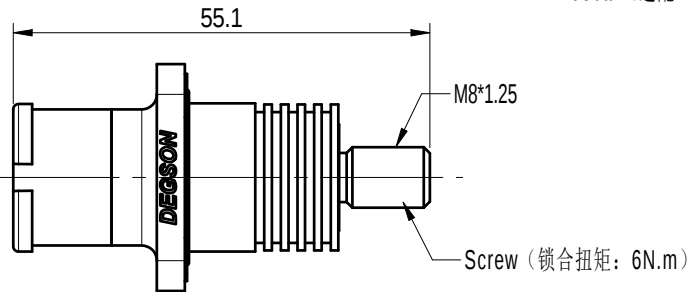
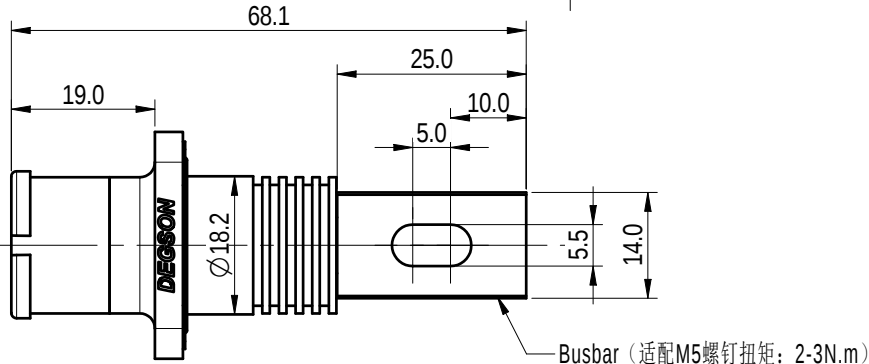
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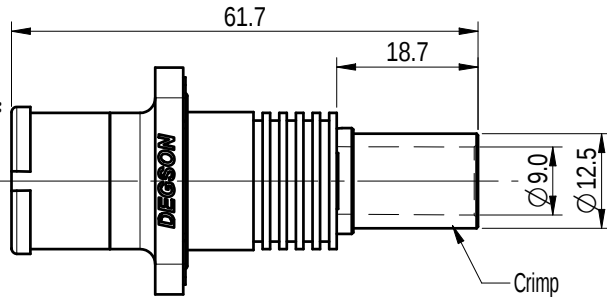
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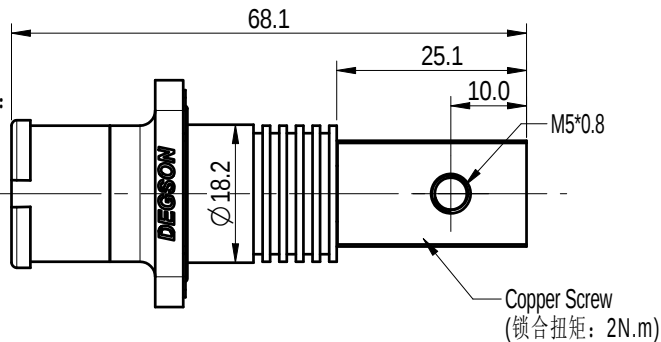
其他接线方式: 形式一:



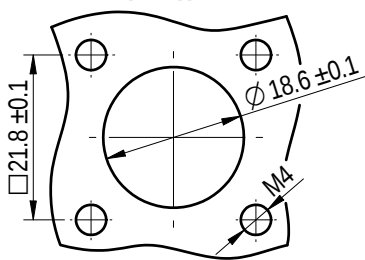
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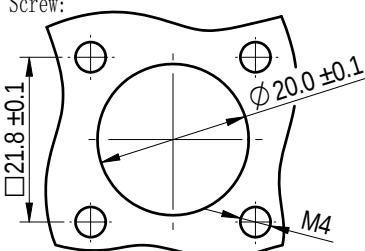
形式三:



Busbar, Crimp, Copper Screw:



Screw:

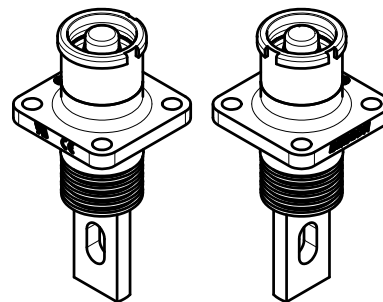


Recommended
Panel Cut-Out

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	2AWG or 35mm ²
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



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

01	ECN	DESCRIPTION	DRFT	DATE
REV	ECN	DESCRIPTION	DRFT	DATE

1

2

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4

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