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FOR-1755 Rev.1.8

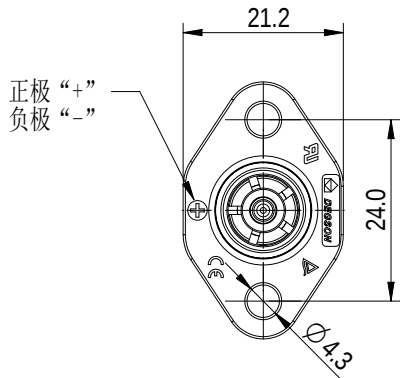
2

3

4

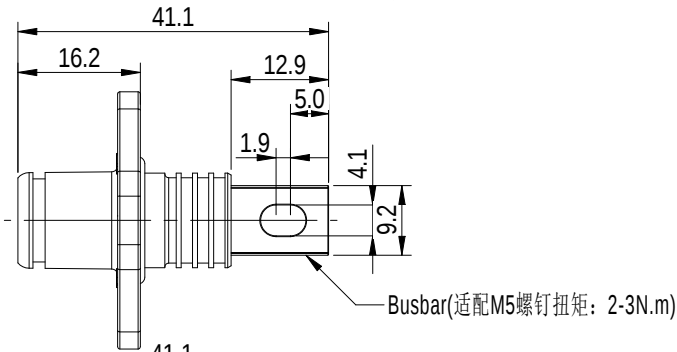
5

6

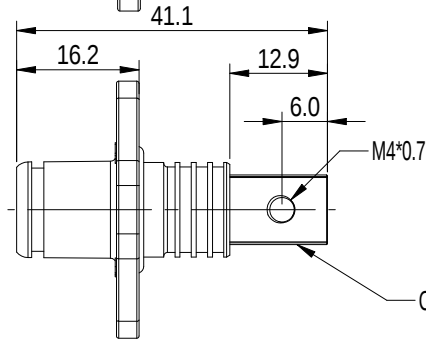


其他接线方式:

形式一:

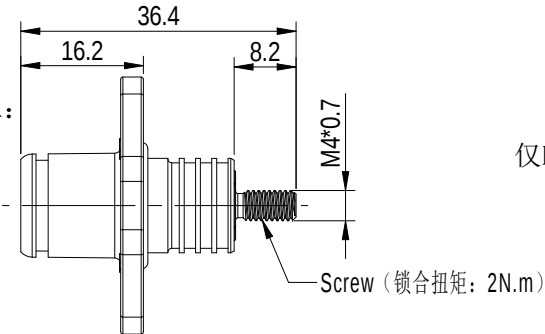


Busbar(适配M5螺钉扭矩: 2-3N.m)



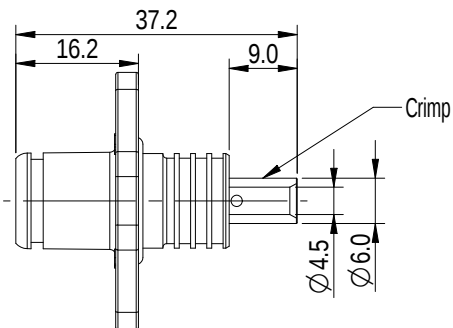
Copper Screw (锁合扭矩: 1.5N.m)

形式二:

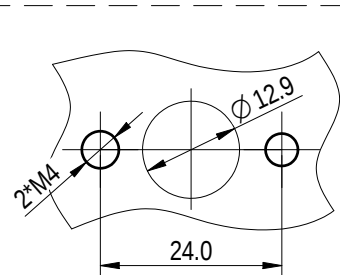


Screw (锁合扭矩: 2N.m)

形式三:



Crimp



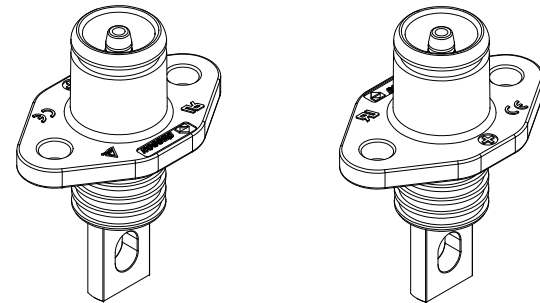
Recommended
Panel Cut-Out

01	ECN	DESCRIPTION	DRFT	DATE
REV	ECN	DESCRIPTION	DRFT	DATE

尺寸公差(mm)					0.05/10
0	>30	>60	>100	>150	±1'
~30	~60	~100	~150	~150	±1'
±0.20	±0.30	±0.50	±0.70	±1.00	±1'

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	65N 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	8AWG or 10mm ²
建议剥线长度/Suggested stripping length	8~9mm (Crimp type)
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

仅Busbar的形式3D展示:



active

DEGSON		MATERIAL:	SURFACE/COLOR:		
APPD: 刘剑		2024.01.24	MAT NO./REV:		
CHKD: 于进海		2024.01.21	MAT STATUS:		
DRFT: 张晓瑶		2024.01.17	NAME		
DRAWING NO.		200269749	ESS-70A-10-X-XX-00		
TYPE		CUSTOMER DRAWING	DRAWING STATUS		SCALE
1:1		1/1	SHEET		1/1