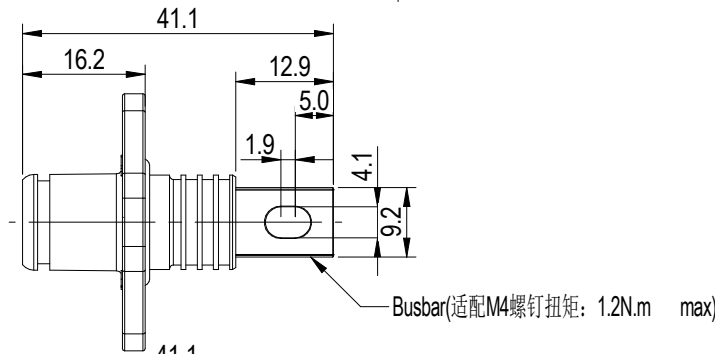
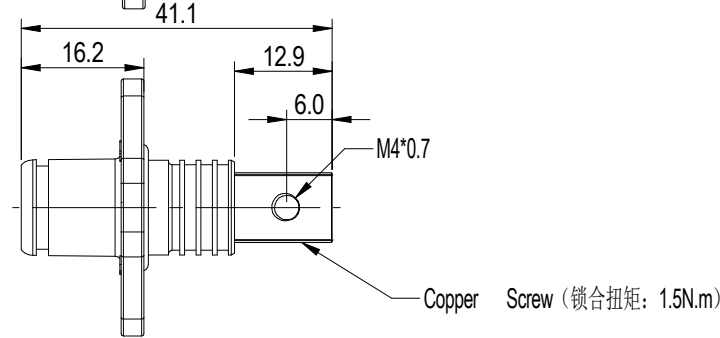


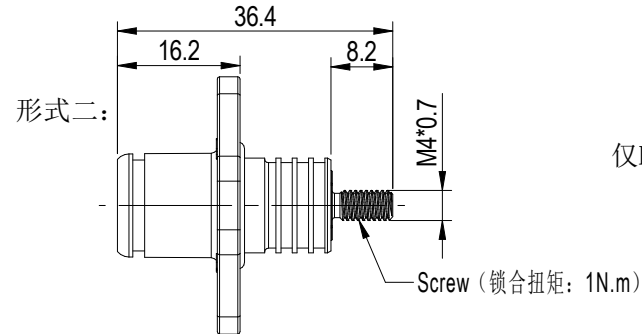
形式一：



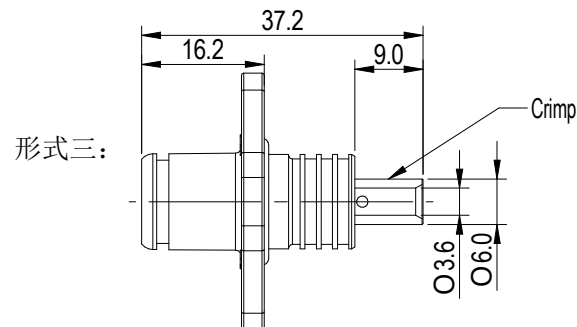
—Busbar(适配M4螺钉扭矩: 1.2N.m max)



—Copper Screw (锁合扭矩: 1.5N.m)



—Screw (锁合扭矩: 1N.m)



形式三：

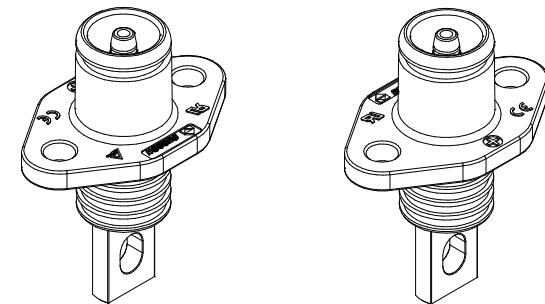


01				
REV	ECN	DESCRIPTION	DRFT	DATE

尺寸公差(mm)					 0.05/10
0 ~ 30	>30 ~ 60	>60 ~ 100	>100 ~ 150	>150	
±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	10AWG or 6mm ²
建议剥线长度/Suggested stripping length	7~8mm (Crimp type)
额定电压/Rated voltage	1000V DC
额定电流/Rated current	50A
绝缘电阻/Insulate resistance	≥500MΩ (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:



 DEGSON			MATERIAL:		SURFACE/COLOR:	
			MAT NO./REV: /		MAT STATUS:	
APPD:	刘剑	2024.01.24	NAME ESS-50A-06-X-XX-00			
CHKD:	于进海	2024.01.21				
DRAFT:	张晓瑶	2024.01.17				
 A4			DRAWING NO. 200269245		TYPE CUSTOMER DRAWING	
 (1:inch)					DRAWING STATUS SCALE 1:1	
					SHEET 1/1	