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ECN NO.	REV.	MODIFICATION	DATE	DRAWN	APPROVED
N/A	A1	初版发行	2024/01/23	杨今心	宋星亮

表一：电气参数 (Electrical parameters)									
芯数	2芯	3芯	3芯	3芯	4芯	10芯	12芯	19芯	24芯
母端 Female									
公端 Male									
额定电流 Rated current	25A	25A	25A	35A	25A	10A	10A	5A	5A
额定电压 Rated voltage	500V AC	500V AC	500V AC	300V AC	500V AC	400V AC	400V AC	250V AC	250V AC
耐压 (Max) Dielectric withstanding voltage	2000V AC	2000V AC	2000V AC	1500V AC	2000V AC	2000V AC	2000V AC	1500V AC	1500V AC
接触电阻 (Max) Contact resistance	1.0mΩ	1.0mΩ	1.0mΩ	1.0mΩ	1.0mΩ	3mΩ	3mΩ	5mΩ	5mΩ
绝缘电阻 (Min) Insulation resistance	500MΩ	500MΩ	500MΩ	500MΩ	500MΩ	500MΩ	500MΩ	500MΩ	500MΩ
线规 Wire gauge	2.5*4.0mm ² /14*12AWG	2.5*4.0mm ² /14*12AWG	2.5*4.0mm ² /14*12AWG	6.0*8.0mm ² /10*8AWG	2.5*4.0mm ² /14*12AWG	1.0*1.5mm ² /18*16AWG	1.0*1.5mm ² /18*16AWG	0.34*0.5mm ² /22*20AWG	0.34*0.5mm ² /22*20AWG
接线方式 Terminal type	☐ 锁线/Screwing			☐ 焊接/welding					
线缆直径 Cable Dia	/								
紧固扭矩 Tightening torque	0.4N.m								
防护等级 IP code	对接状态 ☐ IP65 ☐ IP67			☒ IP68 ☐ IPx9k					
机械寿命 (Min) Operating cycles	500次								
工作温度 Operating temperature	-25℃ ~ +85℃ (标准塑胶款/Standard Plastic shell); -40℃ ~ +85℃ (定制塑胶款/Customized Plastic shell)								

表二: "A/B"尺寸/Length

芯数	2芯_锁线	3芯_锁线	3芯_25A	3芯_35A	4芯	10芯	12芯	19芯	24芯
母端 Female									
A	41.0	41.0	41.3	45.3	41.6	35.7	35.7	36.8	36.8
B	27.0	27.0	27.3	31.3	27.6	21.7	21.7	22.8	22.8
	"A"±1.5 "B"±0.5	"A"±1.5 "B"±0.5	"A"±1.5 "B"±0.5	"A"±1.5 "B"±0.5	"A"±1.5 "B"±0.5	"A"±1.5 "B"±0.5	"A"±1.5 "B"±0.5	"A"±1.5 "B"±0.5	"A"±1.5 "B"±0.5
公端 Male									
A	39.6	39.6	41.3	44.1	41.6	35.3	35.3	36.8	36.8
B	25.6	25.6	27.3	30.1	27.6	21.3	21.3	22.8	22.8
	"A"±1.5 "B"±0.5	"A"±1.5 "B"±0.5	"A"±1.5 "B"±0.5	"A"±1.5 "B"±0.5	"A"±1.5 "B"±0.5	"A"±1.5 "B"±0.5	"A"±1.5 "B"±0.5	"A"±1.5 "B"±0.5	"A"±1.5 "B"±0.5

X.X±0.3 X.XX±0.15 X.XXX±0.100 TOLERANCES UNLESS OTHERWISE SPECIFIED			X°±3° X.X°±1.0° 未注圆角R0.2		 深圳市凌科电气有限公司 SHENZHEN LINKO ELECTRIC CO.,LTD
DRAWN	杨今心	2024/01/23	TITLE: BD24型两孔法兰x插座金属款		
CHECKED	杨武	2024/01/23			
APPROVED	宋星亮	2024/01/23	P/N: BD-24-xxxSX-x3-2xx		
UNIT: mm	SIZE:A4	SHEET:2/2			
PORJ.		SCALE /	A1		