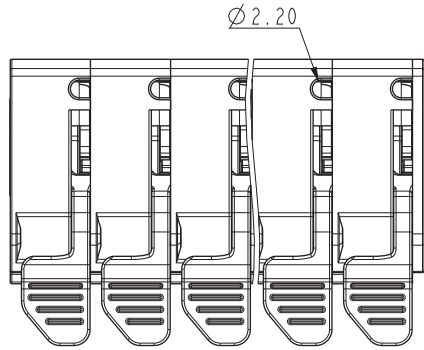


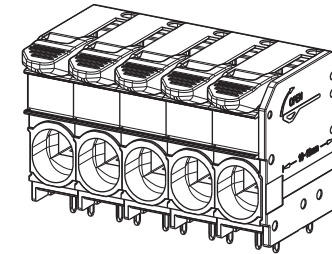
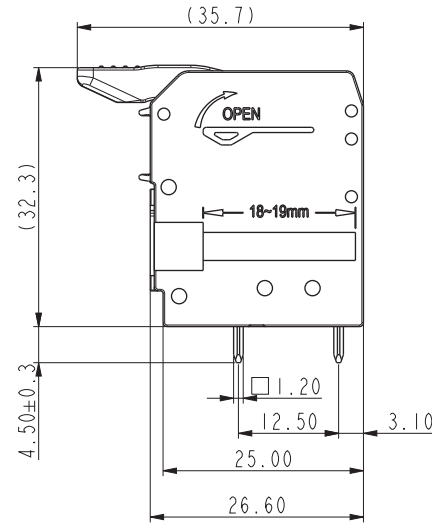
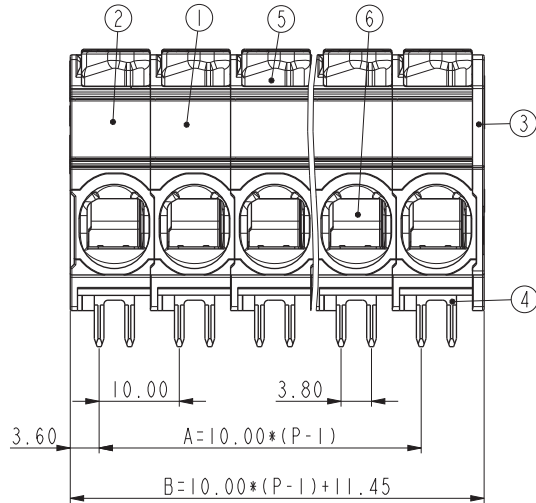
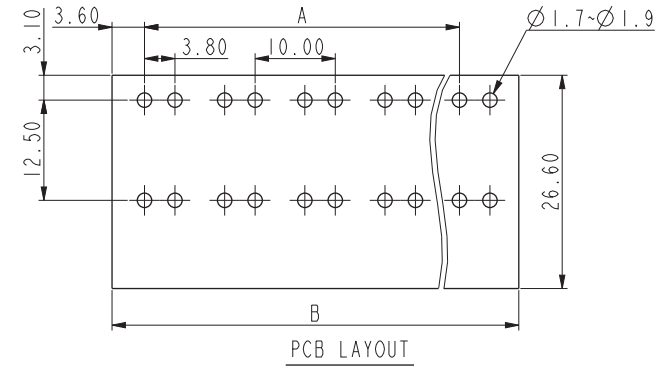
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PART NO.:
0290-41XX-

POLES
02: 2 POLES
03: 3 POLES
...
12: 12 POLES

COLOR
BLANK: BLACK (STANDARD COLOR)
GN: GREEN
LG: LIGHT GREY
BL: BLUE



6	PUSH-IN CLAMP	STAINLESS STEEL	
5	LEVER	PA6	UL94-V0 ORANGE
4	SOLDER PIN	COPPER ALLOY	Tin PLATED
3	COVER	PA66	UL94-V0
2	HOUSING	PA66	UL94-V0
1	HOUSING	PA66	UL94-V0
ITEM	NAME OF PART	MATERIAL	NOTES

DRW.	Toni.Xu	DATE	2025-03-04	GENERAL TOLERANCE	
CHK.	Mike.Li	DATE	2025-03-04	SPECIFICATION FILE	SF-0290-41-001
APP.	Webb.Liu	DATE	2025-03-04	DRAWING TYPE	SP-03

PART NO.	0290-41XX							
DINKLE ENTERPRISE CO., LTD.		UNITS	mm	THIRD ANGLE PROJECTION				
		SCALE	1:5:1	SHEET/OF	1/1			

Total Pitch Tolerances		Normal dimension Tolerances	
0~30	±0.20	0~30	±0.25
over 30~53	±0.25	over 30~53	±0.30
over 53~70	±0.30	over 53~70	±0.35
over 70~90	±0.35	over 70~90	±0.44
over 90~115	±0.44	over 90~115	±0.55
over 115~150	±0.55	over 115~150	±0.70
over 150~200	±0.70	over 150~200	±0.85
over 200~250	±0.85	over 200~250	±1.00
over 250~320	±1.00	over 250~320	±1.20

P	2	3	4	5	6	7
A	10.00	20.00	30.00	40.00	50.00	60.00
B	21.45	31.45	41.45	51.45	61.45	71.45
P	8	9	10	11	12	
A	70.00	80.00	90.00	100.00	110.00	
B	81.45	91.45	101.45	111.45	121.45	

V2	2				
REV.		CONTENT	DRW.	DATE	

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规格书编号/Specification File No.: **SF-0290-41-001**版本/Version: **A3**

一般資訊 / General Information

产品长叙述/Long description	PCB Terminal Blocks, Push-in Design, Pitch :10.00mm, 400V, 66A
产品类型/Product type	PCB Terminal Blocks
间距/Pitch (mm)	10.00
产品颜色/Color	Refer to drawing
接线方式/Connection method	Push-in Design
固定方式/Type of locking	Without
焊接方式/Soldering Method	Wave Soldering
产品长度/Length (mm)	10.00*(P-1)+11.45
产品宽度/Width (mm)	26.6
产品高度/Height (mm)	31.9
出脚尺寸(厚度___x 宽度___)/ Pin dimensions(mm)	1.2x1.2
出脚长度/Pin length(mm)	4.5
焊孔直径/PCB hole diameter(mm)	1.6
电位数/Circuit diagram	2~12
产品点数/Number of poles	02P~12P
产品层数/Level	1
连接点数/Connection points	2~12

材料信息/ Material Information

绝缘材料/Insulating material	PA66
绝缘材料组别/Insulating material group	I
阻燃等级符合 UL94/UL94 Flammability rating	V0
绝缘阻抗/Insulation resistance	≥500MΩ at DC 500V
导体材料/Conductor material	COPPER ALLOY
导体表面镀层/Plating of conductor surface	Tin PLATED

IEC数据 / IEC Data

额定电压/Rated Voltage(V)	400
额定电流/Rated Current(A)	76
额定电压(I _L /2)/Rated Voltage (I _L /2)(V)	800

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额定电压(III/2)/Rated Voltage (III/2)(V)	400
额定电压(III/3)/Rated Voltage (III/3)(V)	400
额定冲击电压(II/2)/Rated Impulse Voltage (II/2)(kV)	4
额定冲击电压(III/2)/Rated Impulse Voltage (III/2)(kV)	4
额定冲击电压(III/3)/Rated Impulse Voltage (III/3)(kV)	4
最小硬质导线横截面积/Conductor cross section solid. min(mm ²)	0.75
最大硬质导线横截面积/Conductor cross section solid. max(mm ²)	16
最小柔性导线横截面积/Conductor cross section stranded. min(mm ²)	0.75
最大柔性导线横截面积/Conductor cross section stranded. max(mm ²)	16
柔性导线横截面积,最小的管状裸端子/Conductor cross section flexible, with min ferrule without insulation (mm ²)	0.75
柔性导线横截面积,最大的管状裸端子/Conductor cross section flexible, with max ferrule without insulation (mm ²)	16
柔性导线横截面积,最小的管状预绝缘端子/Conductor cross section flexible, with min ferrule with insulation (mm ²)	0.75
柔性导线横截面积,最大的管状预绝缘端子/Conductor cross section flexible, with max ferrule with insulation (mm ²)	10
具有相同截面积的二根柔性导线,最小双线管状预绝缘端子/2 conductors with same cross section flexible, min ferrule with insulation for double wire (mm ²)	0.75
具有相同截面积的二根柔性导线,最大的双线管状预绝缘端子/2 conductors with same cross section flexible, max ferrule with insulation for double wire (mm ²)	6

UL数据 / UL Data

额定电压(UL/CUL 标准 B 组)/Rated Voltage (UL/CUL Group B)(V)	300
额定电流(UL/CUL 标准 B 组)/Rated Current (UL/CUL Group B)(A)	66
额定电压(UL/CUL 标准 C 组)/Rated Voltage (UL/CUL Group C)(V)	150
额定电流(UL/CUL 标准 C 组)/Rated Current (UL/CUL Group C)(A)	66
额定电压(UL/CUL 标准 D 组)/Rated Voltage (UL/CUL Group D)(V)	600
额定电流(UL/CUL 标准 D 组)/Rated Current (UL/CUL Group D)(A)	5
额定电压 (UL 标准 F 组)/Rated Voltage (UL Group F)(V)	400
额定电流 (UL 标准 F 组)/Rated Current (UL Group F)(A)	66
最小导线,符合 UL/CUL/Min. wire connection acc. to UL/CUL(AWG)	18
最大导线,符合 UL/CUL/Max. wire connection acc. to UL/CUL(AWG)	4
最小硬质导线,符合 UL/CUL/Min. solid wire connection acc. to UL/CUL(AWG)	18
最大硬质导线,符合 UL/CUL/Max. solid wire connection acc. to UL/CUL(AWG)	4

通用参数 / General Data

剥线长度/Stripping Length (mm)	18~19
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环境与安全/ *Environmental and safety*

手指接触防护 IP20(IEC 60529)/Finger protection IP20(IEC60529)	YES
最高工作温度/Operating temperature max(°C)	120
最低工作温度/Operating temperature min(°C)	-40

产品认证/许可/ *Approvals*



UL Recognized

线径范围 B 组/Wire Range (Group B)(AWG)	18~4
额定电压 B 组/Rated Voltage (Group B)(V)	300
额定电流 B 组/Rated Current (Group B)(A)	66
线径范围 C 组/Wire Range (Group C)(AWG)	18~4
额定电压 C 组/Rated Voltage(Group C)(V)	150
额定电流 C 组/Rated Current(Group C)(A)	66
线径范围 D 组/Wire Range(Group D)(AWG)	18~4
额定电压 D 组/Rated Voltage(Group D)(V)	600
额定电流 D 组/Rated Current(Group D)(A)	5
线径范围 F 组/Wire Range(Group F)(AWG)	18~4
额定电压 F 组/Rated Voltage(Group F)(V)	400
额定电流 F 组/Rated Current(Group F)(A)	66

CUL Recognized

线径范围 B 组/Wire Range (Group B)(AWG)	18~4
额定电压 B 组/Rated Voltage (Group B)(V)	300
额定电流 B 组/Rated Current (Group B)(A)	66
线径范围 C 组/Wire Range (Group C)(AWG)	18~4
额定电压 C 组/Rated Voltage(Group C)(V)	150

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额定电流 C 组/Rated Current(Group C)(A)	66
线径范围 D 组/Wire Range(Group D)(AWG)	18~4
额定电压 D 组/Rated Voltage(Group D)(V)	600
额定电流 D 组/Rated Current(Group D)(A)	5