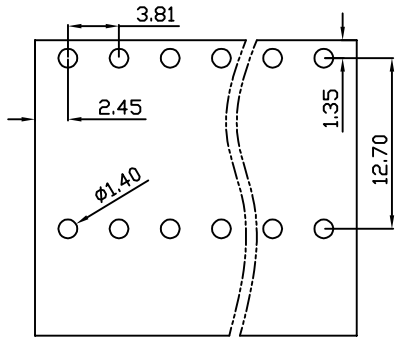
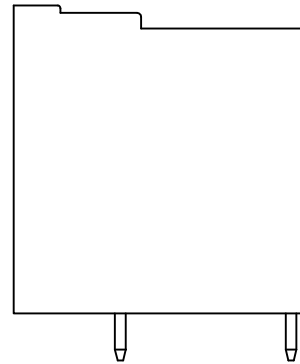
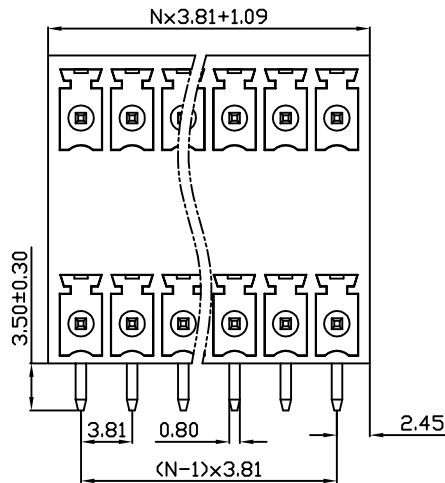
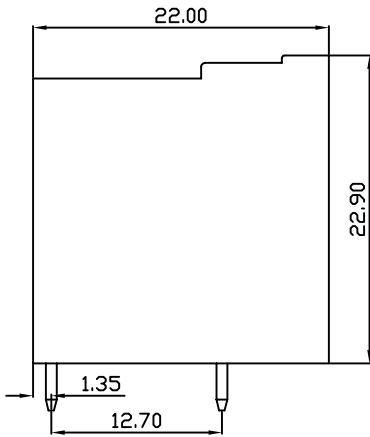
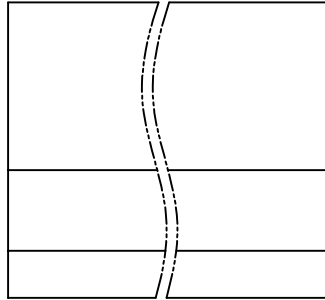


linear dimension(Tolerances Standard GB/T 14486-2008)								—	$\nabla$	$\perp$
variable range	to	over 6	over 10	over 30	over 60	over 100	over 160	to	over 10	over 100
	6	to 10	to 30	to 60	to 100	to 160	to 10		to 100	to
tolerance	±0.20	±0.30	±0.50	±0.70	±1.00	±1.30	±1.60	0.10	0.30	0.60



PCB Layout



DB2ERH — 3.81 — XXP — C  
 (Series No.) (Pitch) (Poles)  
 (Color) : 1.(Green) 2.(Black) 3.(Blue) 4.(Clear) 5.(Gray)  
 6.(Orange) 7.(Red) 8.(White) 9.(Yellow)

APPD: J Ting Chen 2022.4.23  
 CHKD: Duck Mao 2022.4.23  
 DRFT: Steven Lu 2022.4.23

**DORABO**

宁波地博电气有限公司  
 Ningbo Dorabo Electric CO., Ltd

NAME:

DB2ERH-3.81-XXP-C



SIZE: A4

mm  
(inch)

REV TO-1

TYPE: CUSTOMER\_DRAWING

SCALE: 1:1

SHEET 1/1

UL/CUL 技术参数		UL/CUL Technical Data		
等级	Use Group	B	C	D
额定电压	Rated Voltage [V]	300	-	300
额定电流	Rated Current [A]	8	-	8
接线范围	Wire Range	-		
单/多芯线	Solid/Stranded [AWG]			
耐电压	Withstanding Voltage	1600V/1Min		
IEC 技术参数		IEC Technical Data		
过电压类别	Overvoltage Category	III	III	II
污染等级	Contamination Class	3	2	2
额定电压	Rated Voltage [V]	160	160	320
额定电流	Rated Current [A]	7	7	7
额定冲击电压	Impulse withstand voltagea [KV]	2.5	2.5	2.5
导线截面积	Conductor cross section	-		
硬质/柔性导线	Solid/flexible [mm <sup>2</sup> ]			
材料		Material		
绝缘材料	Insulation Material	PA66		
阻燃等级	Imflammability	UL94V-0		
导体材料	Contact Material	铜合金 Copper alloy		
导体表面镀层	Contactive Coating	镀锡 Sn Plated		
一般参数		Other Data		
间距	Pitch [mm]	3.81		
极数	Poles [P]	02~24		
剥线长度	Stripping Length [mm]	-		
螺丝	Screw/扭矩 Torque(Max) [N.m]	-		
工作温度	Operating temperatur [°C]	-40~+105		
引针尺寸	Pin Dimensions [mm]	0.80x0.80		
PCB板孔径	PCB Hole Diameter [mm]	1.40		

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Pluggable Terminal Blocks](#) category:*

*Click to view products by [DORABO](#) manufacturer:*

Other Similar products are found below :

[57.510.0053](#) [721-104/026-047](#) [721-204/026-045](#) [MC 1.5/ 6-ST-3.5 GY AU](#) [ET02015000J0G](#) [860505](#) [860516](#) [860810](#) [GBPACX-12](#)  
[93.731.4953.0](#) [PVP03-3,50](#) [PVS02-5,00](#) [1-1986160-3](#) [1377680000](#) [1531000000](#) [1546228-5](#) [ELFP03110](#) [ELFP10210](#) [ELFT07250](#)  
[ELVD12100](#) [ELVF09400](#) [ELXH071G0E](#) [1725220000](#) [1760336](#) [1855000000](#) [19346](#) [1946309](#) [1973592](#) [19892](#) [25.320.4053.1](#) [25.320.4553.9](#)  
[25.320.4753.1](#) [25.320.5453.1](#) [25.340.0353.1](#) [25.340.1053.1](#) [25.345.3553.0M001](#) [25.640.3553.1](#) [SH02-5,08](#) [SH06-3,81](#) [SH08-5,08](#) [SH08-](#)  
[5,08-K](#) [SH12-5,08](#) [SHS04-5,00](#) [30.303](#) [30.305](#) [30.306](#) [PHP09-5,08](#) [25.193.0453.0](#) [25.320.4653.1](#) [25.332.2453.1](#)