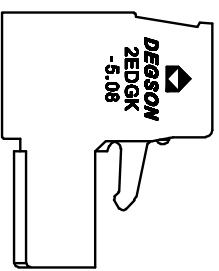
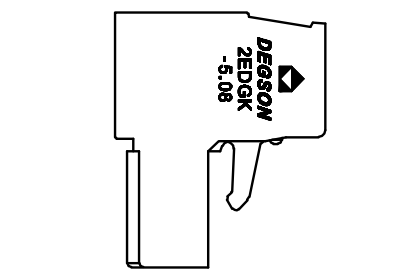
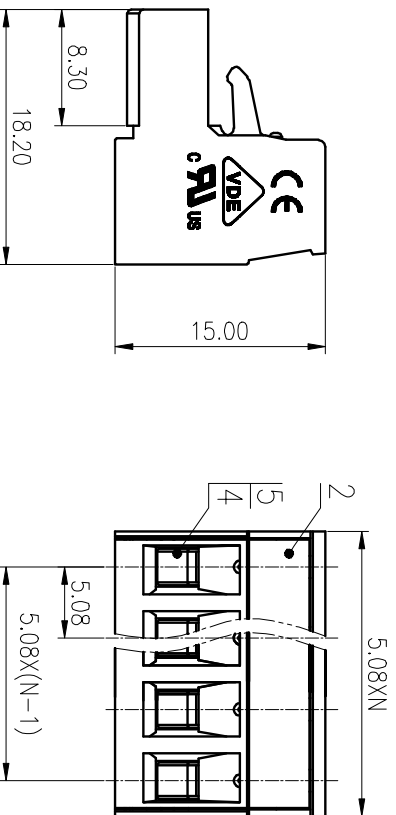
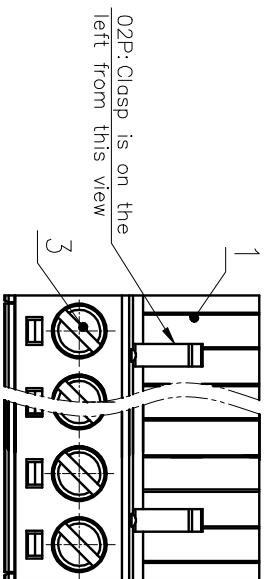


公差等级/General tolerances(mm)		公差等级/General tolerances(mm)										公差等级/General tolerances(mm)		
0	>3	>6	>10	>18	>30	>50	>80	>120	>180	>250	>315	>400	>500	0.1/10
~	~	~	~	~	~	~	~	~	~	~	~	~	~	±Z
±0.12	±0.18	±0.22	±0.26	±0.31	±0.37	±0.57	±0.80	±1.05	±1.15	±1.60	±2.20	±2.50	±Z	



ITEM	NAME OF PART	MATERIAL	NOTES
5	Clamp	Copper alloy	Sn plated
4	Cage	Copper alloy	M3/Ni plated
3	Screw	Steel	M3/Zn plated
2	Cover	PA66	UL94V-0
1	Housing	PA66	UL94V-0

UL 标准 /UL Standard:	B	C	D
额定电压/电涌 /Rated Voltage(V)/Current(A)	300/15	/	300/10
IEC 标准 /IEC Standard:			
过压类别 /Overvoltage Category /污染等级 /Pollution Degree	III/2		
额定电压/电涌 /Rated Voltage(V)/Current(A)	320/20		
额定脉冲电压 (KV) /Rate Impulse Voltage(KV)	4.0		
额定扭矩 /Torque Tightening(N·m/Lb.in)	M3 0.5/4.43		
线缆范围 (硬线和软线) /Wire Range(rigid and flexible)(mm² /AWG)	1.0~2.5/28~12		
间距/Pitch(mm) /线缆范围 /Poles	5.08 /N=02~24P		
剥线长度 /Stripping length(mm)	7~8		
使用温度范围 /Operating temperature(°C)	-40~+105		
符合 RoHS 要求 /Conform to RoHS	Yes		
标准颜色编号 /Standard color number:	/		
PANTONE / RAL	/		

MATERIAL:

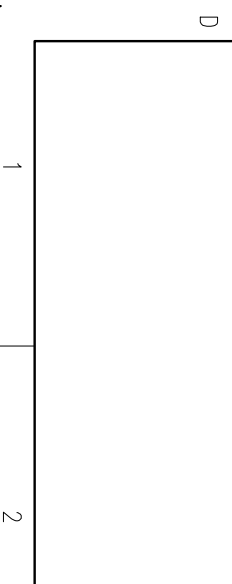
SURFACE:

MAT NO.: /  
 STATUS: /  
 APPD: /  
 CHKD: /

NAME: **DEGSON® NINGBO DEGSON ELECTRICAL CO., LTD**  
**宁波高松电子有限公司**  
 2EDGK-5.08-XXP-1Y-1000A(H)

DRAWING NO.: 10001600  
 TYPE: CUSTOMER DRAWING  
 SCALE: 2:1  
 SHEET: 1/1

REV	ECN	DESCRIPTION	DRAFT	DATE
1				
2				
3				
4				
5				
6				



**Connection capacity** 

Conductor cross section solid	1.0~2.5mm <sup>2</sup>
Conductor cross section flexible	1.0~2.5mm <sup>2</sup>
AWG	28~12AWG
Torque	0.5N.m
Strip length	7mm

**Electrical parameters UL** 

Rated voltage (B)	300V
Rated voltage (D)	300V
Rated current (B)	15A
Rated current (D)	10A

**Electrical parameters IEC** 

Rated voltage	320V
Rated current	20A
Rated voltage(III/2)	320V
Rated surge voltage(III/2)	4KV

**Item properties**

Connection direction	0°
Connection method	Screw connection
Screwdriver	Slotted screwdriver
screw thread	M3
Pitch	5.08mm
Number of potentials	2
Pluggable or not	Yes
Number of rows	1

#### Material data

Environmental items	Compliant with REACH/RoHS
Contact material	Copper alloy
Contact point metal surface	tin-plated
Contact zone metal surface	tin-plated
Insulation Materials	PA66
Insulating material group	I
Flammability rating	UL94V-0

#### Mechanical tests

Test Specification	IEC61984/ UL1059
<b>Environmental data</b> <input type="checkbox"/>	
Ambient temperature (operation)	-40°C~105°C(depending on derating curve)