

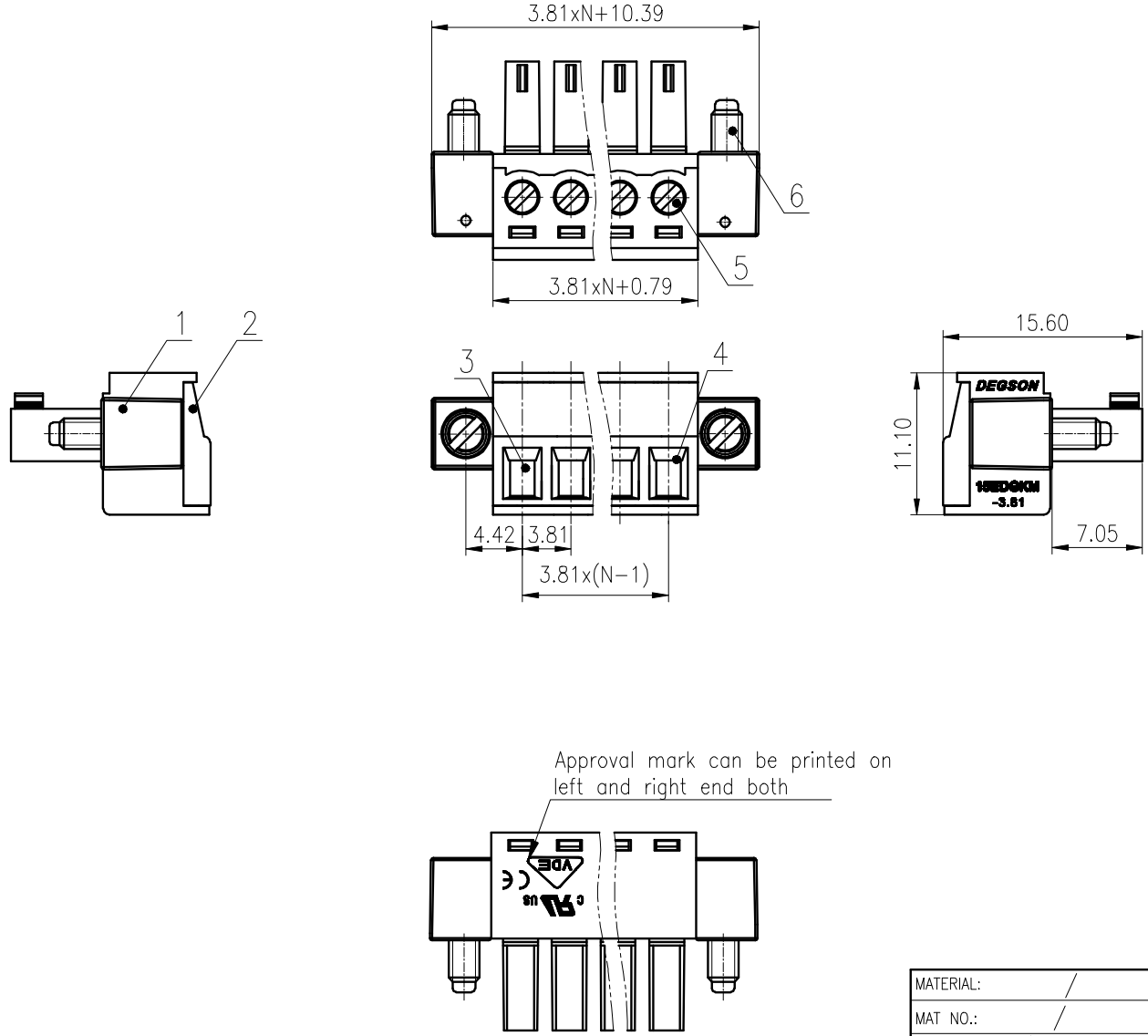
未注公差/General tolerances(mm)											0.1/10 ±2'		
0	>3	>6	>10	>18	>30	>50	>80	>120	>180	>250		>315	>400
~3	~6	~10	~18	~30	~50	~80	~120	~180	~250	~315	~400	~500	~2.50
±0.12	±0.18	±0.22	±0.26	±0.31	±0.37	±0.57	±0.80	±0.93	±1.05	±1.15	±1.60	±2.20	±2.50

A

B

C

D



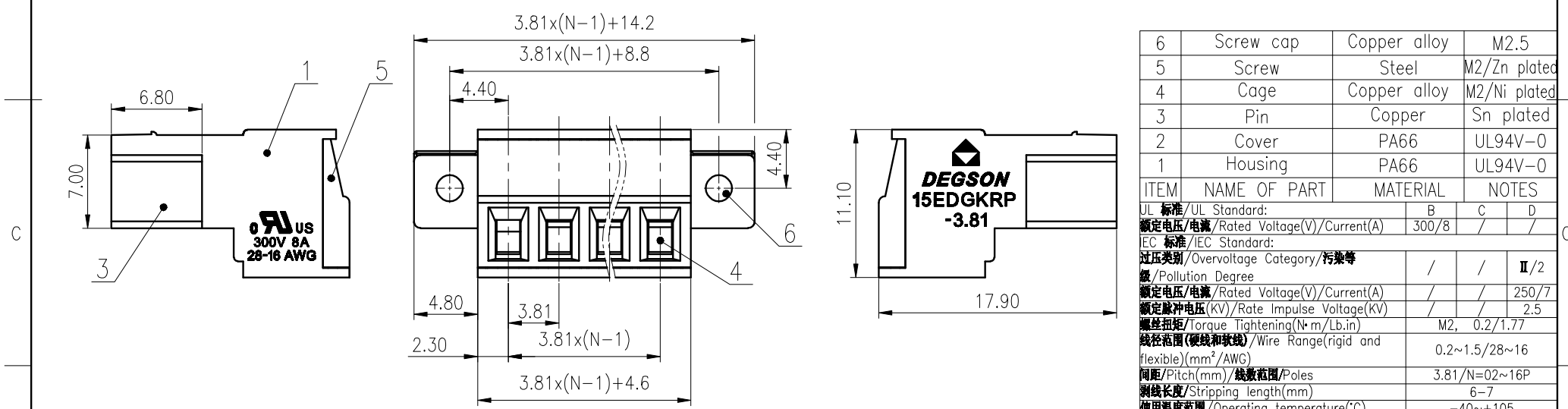
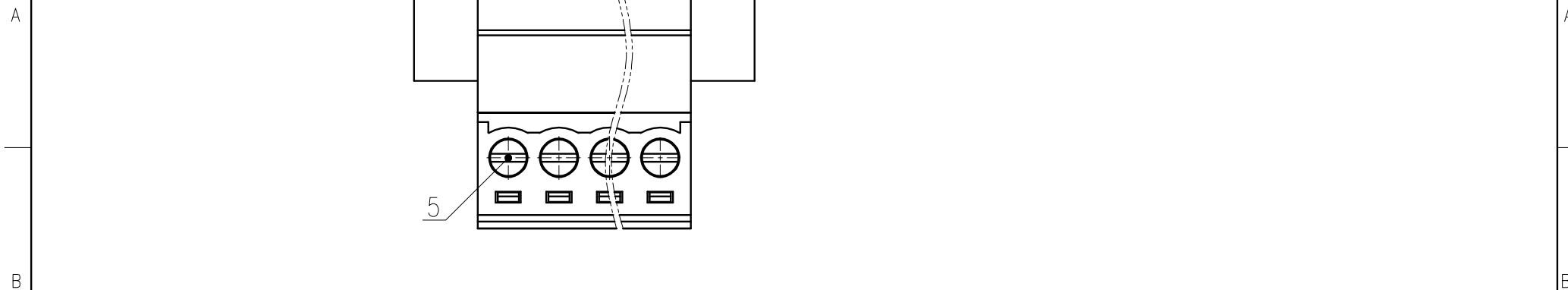
ITEM	NAME OF PART	MATERIAL	NOTES
6	Screw 2	Steel	M2.5/Zn Plated
5	Screw 1	Steel	M2/Zn Plated
4	Cage	Copper Alloy	M2/Ni Plated
3	Clamp	Copper Alloy	Sn Plated
2	Cover	PA66	UL94V-0
1	Housing	PA66	UL94V-0

ITEM	NAME OF PART	MATERIAL	NOTES
UL 标准/UL Standard:		B	C
额定电压/电流/Rated Voltage(V)/Current(A)		300/8	300/8
IEC 标准/IEC Standard:			
过压类别/Overvoltage Category/污染等级/Pollution Degree		II/2	
额定电压/电流/Rated Voltage(V)/Current(A)		250/7	
额定脉冲电压(kV)/Rate Impulse Voltage(kV)		2.5	
螺丝扭矩/Torque Tightening(N·m/Lb.in)		M2, 0.2/1.77	
线径范围(硬线和软线)/Wire Range(rigid and flexible)(mm ² /AWG)		0.5~1.5/28~16	
间距/Pitch(mm)/线数范围/Poles		3.81/N=02~24P	
剥线长度/Stripping length(mm)		6~7	
使用温度范围/Operating temperature(°C)		-40~+105	
符合RoHS环保要求/Conform to RoHS		Yes	

MATERIAL: /	SURFACE: /		
MAT NO.: /	宁波高松电子有限公司 NINGBO DEGSON ELECTRICAL CO., LTD		
STATUS: /			
APPD: LanCH 2020.05.27	NAME: 15EDGKM-3.81-XXP-1Y-00A(H)		
CHKD: YuJZ 2020.05.27	DRAWING NO.: 15EDGKM-3.81-C01		
DRFT: FRZ 2016.01.26	REV	T1	
④	SIZE: A4	TYPE: CUSTOMER DRAWING	SCALE: 2:1 SHEET 1/1

REV	ECN	DESCRIPTION	DRFT	DATE

未注公差/General tolerances(mm)											0.1/10 ±2'		
0 ~3	>3 ~6	>6 ~10	>10 ~18	>18 ~30	>30 ~50	>50 ~80	>80 ~120	>120 ~180	>180 ~250	>250 ~315		>315 ~400	>400 ~500
±0.12	±0.18	±0.22	±0.26	±0.31	±0.37	±0.57	±0.80	±0.93	±1.05	±1.15	±1.60	±2.20	±2.50

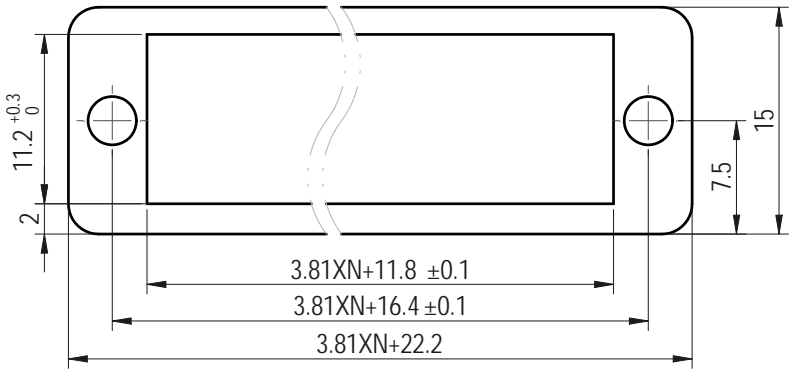


6	Screw cap	Copper alloy	M2.5
5	Screw	Steel	M2/Zn plated
4	Cage	Copper alloy	M2/Ni plated
3	Pin	Copper	Sn plated
2	Cover	PA66	UL94V-0
1	Housing	PA66	UL94V-0
ITEM	NAME OF PART	MATERIAL	NOTES
UL 标准/UL Standard:		B	C
额定电压/电流/Rated Voltage(V)/Current(A)		300/8	/
IEC 标准/IEC Standard:			
过压类别/Overvoltage Category/污染等级/Pollution Degree		/	II/2
额定电压/电流/Rated Voltage(V)/Current(A)		/	250/7
额定脉冲电压(kV)/Rate Impulse Voltage(kV)		/	2.5
螺栓扭矩/Torque Tightening(N·m/Lb.in)		M2, 0.2/1.77	
线径范围(硬线和软线)/Wire Range(rigid and flexible)(mm ² /AWG)		0.2~1.5/28~16	
间距/Pitch(mm)/线数范围/Poles		3.81/N=02~16P	
剥线长度/Stripping length(mm)		6~7	
使用温度范围/Operating temperature(°C)		-40~+105	
符合RoHS环保要求/Conform to RoHS		Yes	

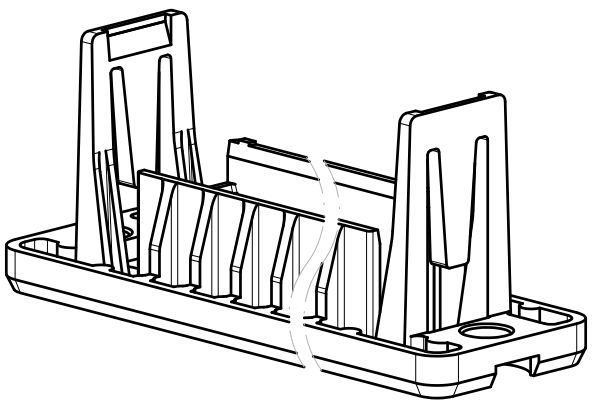
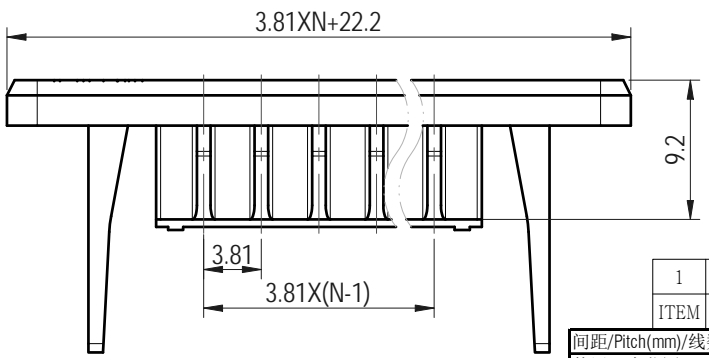
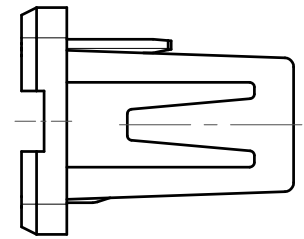
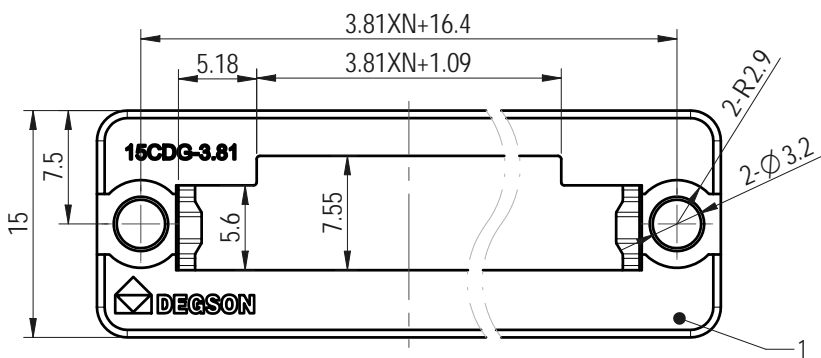
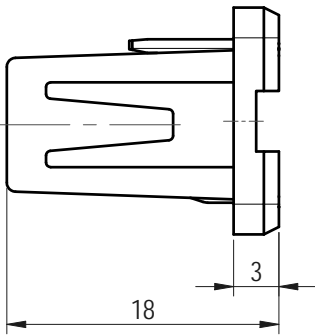
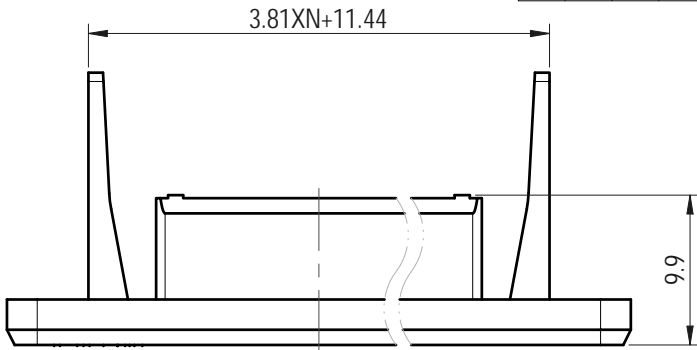
MATERIAL: /	SURFACE: /		
MAT NO.: /	宁波高松电子有限公司 NINGBO DEGSON ELECTRICAL CO., LTD		
STATUS: /			
APPD: Li GL 2020.06.18	NAME: 15EDGKPR-3.81-XXP-1Y-00A(H)		
CHKD: Mao J 2020.06.18	DRAWING NO.: 15EDGKPR-3.81-C01		
DRFT: ZhengQG 2020.06.18	REV	TO	
SIZE: A4 TYPE: CUSTOMER DRAWING SCALE: 2.5:1 SHEET 1/1			

REV	ECN	DESCRIPTION	DRFT	DATE

PCB LAYOUT



未注公差/General tolerances (mm)													0.1/10
0	>3	>6	>10	>18	>30	>50	>80	>120	>180	>250	>315	>400	
~3	~6	~10	~18	~30	~50	~80	~120	~180	~250	~315	~400	~500	>500
±0.12	±0.18	±0.22	±0.26	±0.31	±0.37	±0.57	±0.80	±0.93	±1.05	±1.15	±1.60	±2.20	±2.50



1	Housing	PA66+GF	UL94V-0
ITEM	NAME OF PART	MATERIAL	NOTES
间距/Pitch(mm)/线数范围/Poles			3.81/N=02~16P
使用温度范围/Operating temperature(°C)			-40~+105
符合RoHS环保要求/Conform to RoHS			Yes

DEGSON		MATERIAL: PA66-GF	SURFACE/COLOR: PANTONE 556C	
APPD: 兰春华 2023.12.14		MAT NO./REV: / 00.02	MAT STATUS: 批量	
CHKD: 龚耀志 2023.12.14		NAME		
DRFT: 方哲盛 2023.12.14		15CDG-3.81-XXP-1Y-00Z (H)		
DRAWING NO.	TYPE	DRAWING STATUS	SCALE	SHEET
200032563	CUSTOMER DRAWING	已发布	2:1	1/1

REV	ECN	DESCRIPTION	DRFT	DATE
00			方哲盛	2023.12.14

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