

Transfer or duplication of this document as well as the utilization or communication of its contents are prohibited unless authorization is granted. Violations will be liable for compensation. All rights reserved for patent, utility model or design registrations. 除专利、实用新型、发明专利、外观设计、软件著作权等权利外，本公司保留对涉及发明、实用新型、发明专利、外观设计、软件著作权等权利的所有权利。

FOR-1755 Rev.1.7

2

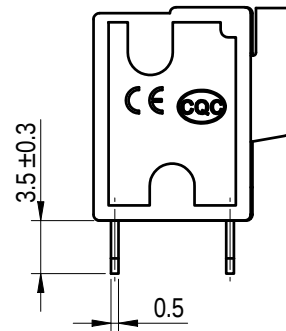
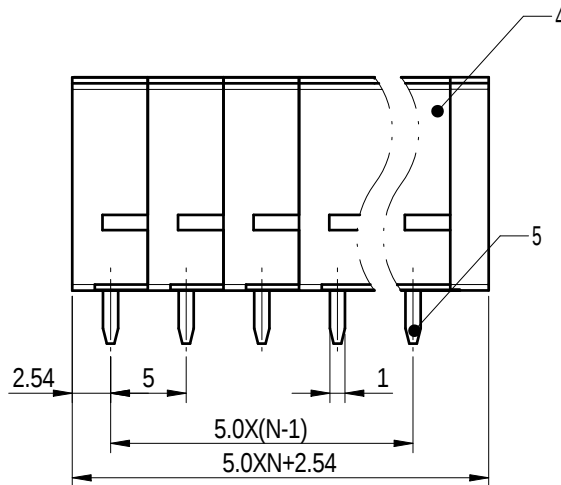
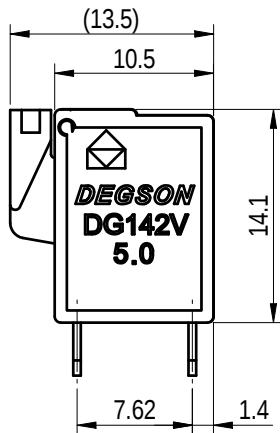
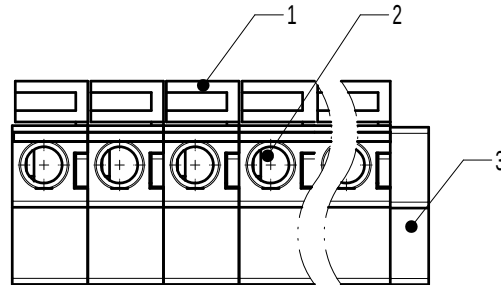
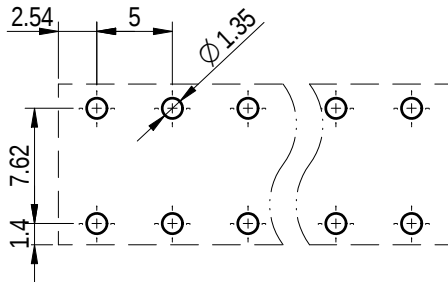
3

4

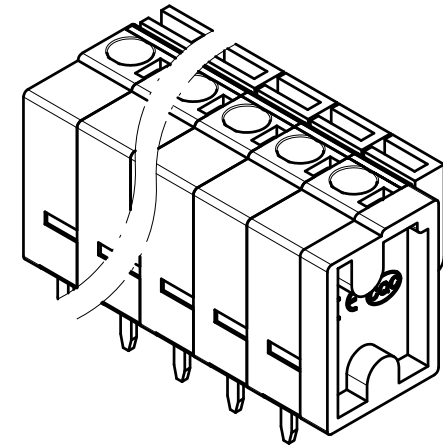
5

6

PCB LAYOUT



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	>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		



Note:

The A&Z(H) in the name means: A(H) and Z(H).

5	Pin header	Copper alloy	Sn plated
4	Housing	PA66	UL94V-0
3	Cover	PA66	UL94V-0
2	Spring	Stainless steel	/
1	Button	PA66	UL94V-0
ITEM	NAME OF PART	MATERIAL	NOTES

UL 标准/UL Standard:		B	C	D
额定电压/电流/Rated Voltage(V)/Current(A)		300/10	/	/
IEC 标准/IEC Standard:				
过压类别/Overvoltage Category/污染等级/Pollution Degree		III/3	III/2	II/2
额定电压/电流/Rated Voltage(V)/Current(A)		250/15	320/15	630/15
额定脉冲电压(KV)/Rate Impulse Voltage(KV)		4	4	4
线径范围(硬线和软线)/Wire Range(rigid and flexible)(AWG/mm²)		22~16 / 0.2~1.5		
间距/Pitch(mm)/线数范围/Poles		5.0/N=01~24P		
剥线长度/Stripping length(mm)		10		
使用温度范围/Operating temperature(°C)		-40~-+105		
符合RoHS环保要求/Conform to RoHS		Yes		



MATERIAL:		SURFACE/COLOR:	
MAT NO./REV: / 00		MAT STATUS: 批量	
9	NAME		
9	DG142V-5.0-XXP-1Y-00A&Z(H)		

00			龚徐涛	2022.09.28		A4		(inch)	DRAWING NO.	TYPE	DRAWING STATUS	SCALE	SHEET
REV	ECN	DESCRIPTION	DRFT	DATE									
									200029098	CUSTOMER DRAWING	已发布	2:1	1/1