

REVISION RECORD

REV	ECN	DESCRIPTION	DRFT	DATE
△		Drawing Revise	Haoyh	03/08/06
△		修改线数:改为每个焊脚代表一线	LJH	03/22/08
△	09-0129	与实物相符	Wupeng	11/14/09
△	15-0513	IEC线径按实际认证修订	Jay.z	11/19/15

备注一:

UL 标准

1. 额定电压与电流: 300V / 12A
2. 螺丝扭力: M2, 1.77Lb.in
3. 线径范围: 26~16AWG

IEC 标准

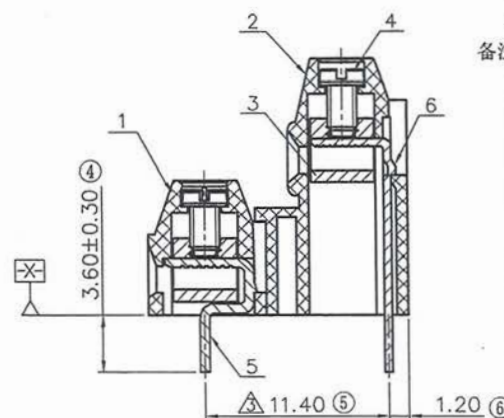
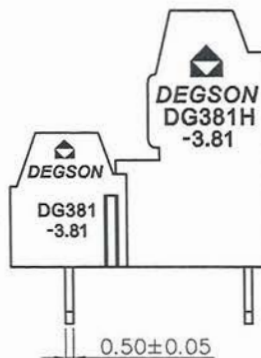
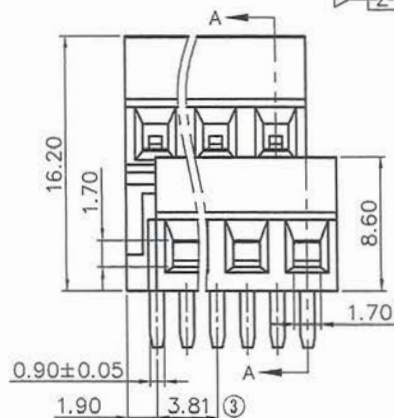
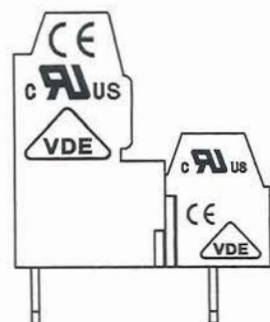
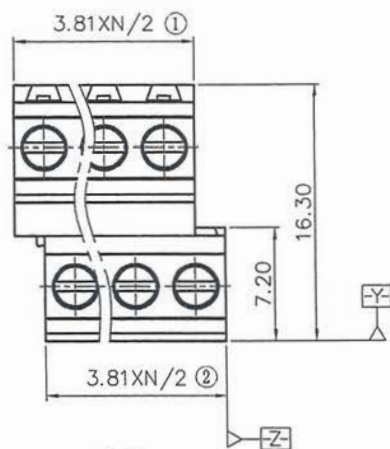
1. 额定电压与电流: 130V / 10A
2. 螺丝扭力: M2, 0.2N.m
3. 线径范围: 0.2~1.0mm² △

备注二:

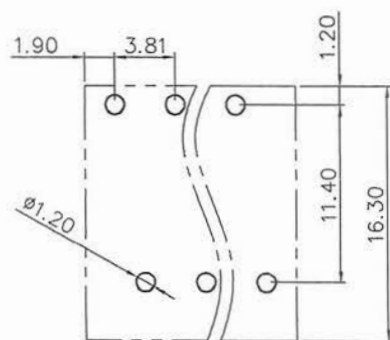
1. 尺寸标注符合标准 ASME Y14.5-2009
2. P距: 3.81mm, P数范围: N=04~XXP
3. 剥线长度: 5~6mm
4. 工频耐压: AC1250V/1Min.
5. 使用温度范围: -40°C~+105°C
6. "⊗" 为重点管控尺寸
7. 未注公差表:

P距方向公差(mm)		其他尺寸公差(mm)					
≤6	6 ~ 10	10 ~ 24	≤30	30 ~ 60	60 ~ 100	100 ~ 150	0.05/10
±0.10	±0.15	±0.25	±0.20	±0.30	±0.50	±0.70	±1.00

9. 须符合RoHS环保要求



SEC A-A



P.C.B LAYOUT

△ 6	DG381H 焊脚	4033B00010(H)	N/2	黄铜	镀锡
△ 5	DG381 焊脚	4047B00010(H)	N/2	磷青铜	镀锡
△ 4	DG381 螺丝	S000001440(H)	N	钢	M2/镀锌
△ 3	DG381 方块	X000000300(H)	N	黄铜	M2/镀锌
△ 2	DG381H-3.81-塑件	4033AYY(XX/2)A(H)	1	PA66	UL94V-0
△ 1	DG381-3.81-塑件	4047AYY(XX/2)A(H)	1	PA66	UL94V-0

ITEM	NAME OF PART	NO. OF PART	Q"TY	MATERIAL	NOTES
PART NO.: /		宁波高松电子有限公司 DEGSON ® NINGBO DEGSON ELECTRICAL CO., LTD			
APPD: <i>Apren 11/24/15</i>		NAME: DG381A-3.81-XXP-1Y-00A(H)			
CHKD: <i>Jes 11/20/15</i>					
DRFT: Wupeng 11/14/09					
TITLE: ASSEMBLY DRAWING		REV	T4		
DRAWING NO.: DG381A-3.81-E03		SHEET	1/1		
THIRD ANGLE PROJECTION		DO NOT SCALE DRAWING	SCALE	1:1	

REVISION RECORD

REV	ECN	DESCRIPTION	DRFT	DATE

NOTES1:

UL Standard

- 1.Rated Voltage/Current : 300V / 12A
- 2.Torque Value : M2 , 1.77Lb.in
- 3.Wire Range : 26~16AWG

IEC Standard

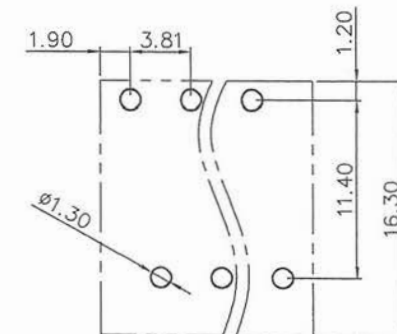
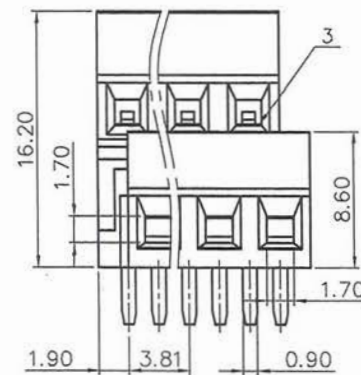
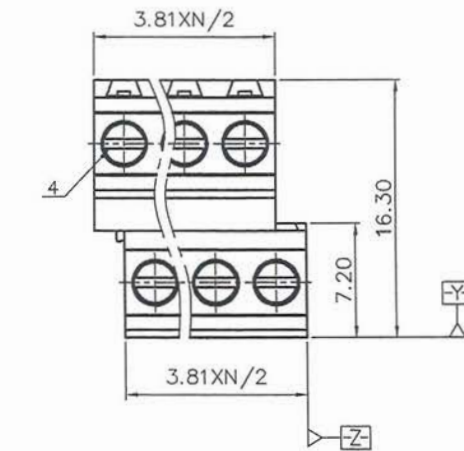
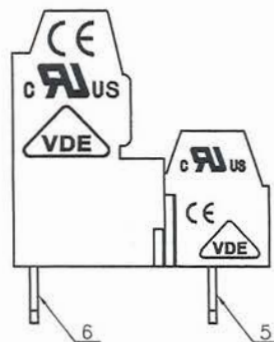
- 1.Rated Voltage/Current : 130V / 10A
- 2.Torque Value : M2 , 0.2N.m
- 3.Wire Range : 0.2~1.0mm²

NOTES2:

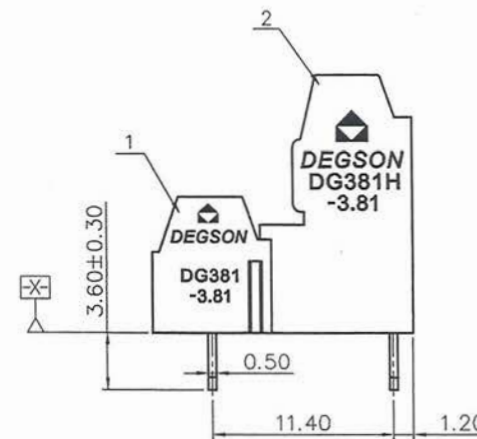
- 1.Dimension shall be interpreted per ASME Y14.5-2009
- 2.Pitch : 3.81mm, Poles : N=04~XXP
- 3.Stripping length : 5-6mm
- 4.Withstanding Voltage : AC1250V/1Min.
- 5.Operating temperature: -40°C~+105°C
- 6.Undimensioned Tolerances:

Pitch Range In mm		Nominal Dimension Range In mm							
TO	Over	TO	Over	TO	Over	TO	Over		
6	10	10	24	30	60	60	100	150	0.1/10
±0.15	±0.20	±0.30	±0.30	±0.50	±0.70	±1.00	±1.30	±2°	

7.RoHS Compliance



P.C.B LAYOUT



6	SOLDER PIN	COPPER ALLOY	Sn Plated
5	SOLDER PIN	COPPER ALLOY	Sn Plated
4	SCREW	STEEL	M2/Zn Plated
3	CAGE	COPPER ALLOY	M2/Ni Plated
2	HOUSING	PA66	UL94V-0
1	HOUSING	PA66	UL94V-0
ITEM	NAME OF PART	MATERIAL	NOTES

PART NO.

APPD:

CHKD:

DRFT:

NAME: **DEGSON**® NINGBO DEGSON ELECTRICAL CO., LTD

DG381A-3.81-XXP-1Y-00A(H)

TITLE: CUSTOMER DRAWING

REV

TO

DRAWING NO.: DG381A-3.81-C03

SHEET

1/1

DO NOT SCALE DRAWING

SCALE

1:1

THIRD ANGLE PROJECTION