

PCB layout

High power terminal:
Voltage current rating: 10~40A
Contact resistance: 2.7mΩ max.

Signal terminal:
Voltage current rating: 5A
Contact resistance: 10mΩ max.

Withstanding voltage: 1000V AC
Insulation resistance: 5000MΩ Min.
Temperature range: -55°C to +125°C
ROHS compliant

Part number:

B08-AW35X1XD-X1

Housing color: _____

1: Black

3: Green

5: White

Terminal plated: _____

4: Au 2u"

5: Au 1u"

Current rating: _____

A: 10A, Dim. A φ1.70, Dim. B φ2.20

B: 20A, Dim. A φ2.80, Dim. B φ3.30

C: 30A, Dim. A φ3.20, Dim. B φ3.70

D: 40A, Dim. A φ3.70 Dim. B φ4.20

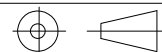
7	Screw	Steel	Palting: Ni
6	Board lock	Copper alloy	Palting: Sn
5	Bracket	Steel	Palting: Ni
4	Housing	PBT+30%GF	Color: see part no.
3	Rear shell	SPCC	Palting: Sn
2	Front shell	SPCC	Palting: Ni
1	Terminal	Copper alloy	Plating: see part no.
Item	Desc.	Material	Remark

△	2022/08/20	Change electrical performance parameters	Carl Hu
△	2019/10/14	Added housing color	Jack Chen
△	2017/05/13	First edition release	Jing Li

SIDE	DATE	DESCRIPTION	APPROVER
8	7	6	5

QUALITY SYMBOLS
□: ☒:
CRITICAL MAJOR
▽: ▽:
ZERO DEFECT S.P.C

Tolerance	
x.	±0.60
.x	±0.40
.xx	±0.25



NAME:	13W3 male right angle, riveted insert, lock screw				PART NO.	B08-AW35X1XD-X1		
REV:	D	UNIT:	mm	DRW BY	CHK BY	APP BY	DRAWING NO.	
SCALE:	N:1	DATE:	2017/05/13	Yugong	Carl Hu	B08-045		

lineconn 东莞市林诚塑胶电子有限公司 <http://www.lineconn.com>
TEL: 0769-85181660 85181770

8	7	6	5	4	3	2	1
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