



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 $\phi 1.70$, Dim. B $\phi 2.20$

B: 20A, Dim. A $\phi 2.80$, Dim. B $\phi 3.30$

C: 30A, Dim. A $\phi 3.20$, Dim. B $\phi 3.70$

D: 40A, Dim. A $\phi 3.70$ Dim. B $\phi 4.20$

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
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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

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