



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:

B08-5W16X1XD-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

A	2022/08/24	Change electrical performance parameters	Carl Hu
	2019/10/11	Added housing color	Jack Chen
	2017/04/29	First edition release	Jing Li
SIDE	DATE	DESCRIPTION	APPROVER

QUALITY SYMBOLS	Tolerance
<input type="checkbox"/> : <input checked="" type="checkbox"/> :	.x ±0.60
CRITICAL MAJOR	.x ±0.40
<input checked="" type="checkbox"/> : <input checked="" type="checkbox"/> :	.xx ±0.25
ZERO DEFECT S.P.C	

NAME:	5W1 female right angle, riveted insert, lock screw			PART NO.	B08-5W16X1XD-X1		
REV:	D	UNIT:	mm	DRW BY	CHK BY	APP BY	DRAWING NO.
SCALE:	N:1	DATE:	2017/04/29	Yugong	Carl Hu		B08-032
东莞市林诚塑胶电子有限公司				http://www.lineconn.com TEL: 0769-85181660 85181770			