



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:  
B08-5W1511XD-X1  
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: black
3	Rear shell	SPCC	Palting: Sn
2	Front shell	SPCC	Palting: Ni
1	Terminal	Copper alloy	Plating: see part no.
Item	Desc.	Material	Remark

△				QUALITY SYMBOLS
△	2018/05/09	Add terminal plating type	Carl Hu	□:    ☒:
△	2017/04/29	First edition release	Jing Li	CRITICAL    MAJOR
SIDE	DATE	DESCRIPTION	APPROVER	▽:    ▽:
8	7	6	5	ZERO DEFECT    S.P.C

Tolerance		NAME:	5W1 male right angle, riveted insert, lock screw		PART NO.	B08-5W1511XD-X1	
x.	±0.60	REV:	B	UNIT:	mm	DRW BY	CHK BY
.x	±0.40	SCALE:	N:1	DATE:	2017/04/29	Yugong	Carl Hu
.xx	±0.25						APP BY
							DRAWING NO.
							B08-033


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