



PCB layout

High power contact current rating:
10,20 or 40A
Signal contact current rating:5A
High power contact resistance:
2.7 milliohms max.
Dielectric withstanding voltage:
1000V AC for 1 minute
Insulation resistance:5000mΩ min.
Temperature range:-55°C to +125°C
Durability:500 cycles
ROHS compliant

Part No.:

B08-5W16X1XD-X1

Housing color: _____
1: Black
3: Green
5: White
Terminal plating: _____
4: Full Au 2u"
5: Full Au 1u"
Current Rating: _____
A: 10 AMPS Dim.A $\phi 1.7$ Dim.B $\phi 2.2$
B: 20 AMPS Dim.A $\phi 2.8$ Dim.B $\phi 3.3$
C: 30 AMPS Dim.A $\phi 3.2$ Dim.B $\phi 3.7$
D: 40 AMPS Dim.A $\phi 3.7$ Dim.B $\phi 4.2$

7	Prop up	Steel	Plating: Ni
6	Screws	Steel	Plating: Ni
5	Housing	PBT+30%GF	Color: see part no.
4	Riveted insert	Brass	Plating: Ni
3	Rear shell	SPCC	Plating: Sn
2	Front shell	SPCC	Plating: Ni
1	Terminal	Brass	Plating: see part no.
Item	Desc.	Material	Remarks

△	2019/10/11	Added housing color	Jack Chen
△	2019/10/07	Added terminal plating type	Jack Chen
△	2017/04/29	First edition release	Jing Li
SIDE	DATE	DESCRIPTION	APPROVER
8	7	6	5

QUALITY SYMBOLS		Tolerance	
□ :	☒ :	x.	±0.60
CRITICAL	MAJOR	.x	±0.40
▽ :	▽ :	.xx	±0.25
ZERO DEFECT	S.P.C		

NAME:	5W1 female right angle,riveted insert,lock screw				PART NO.	B08-5W16X1XD-X1		
REV:	C	UNIT:	mm	DRW BY	CHK BY	APP BY	DRAWING NO.	
SCALE:	N:1	DATE:	2017/04/29	Huangmei	Jack Chen		B08-032	
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