



P.C.B layout

Current rating: 10/20/30/40 AMP.
 Contact resistance: 2.7 milliohms max.
 Withstanding voltage: 1000V AC
 Insulation resistance: 5000MΩ Min.
 Temperature range: -55°C to +125°C
 ROHS compliant
 Part number:

B09-2V2811XD-X2

Terminal plated: _____
 4: Au 2u”
 5: Au 1u”
 Current rating: _____
 A: 10A, φA 1.70, φB 2.20
 B: 20A, φA 2.80, φB 3.30
 C: 30A, φA 3.20, φB 3.70
 D: 40A, φA 3.80, φB 4.30

Item	Desc.	Material	Remark
6	Nut	Steel	Plating: Ni
5	Housing	PBT+30%GF	Color: black
4	Riveted insert	Brass	Plating: Ni
3	Rear shell	SPCC	Plating: Sn
2	Front shell	SPCC	Plating: Ni
1	Terminal	Brass	Terminal finish: see part number

△	2022/10/05	Change tolerance	Carl Hu
△	2019/03/26	Change part number	Jack Chen
△	2019/01/12	First edition release	Jack Chen
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:	2V2 female vertical for PCB			PART NO.	B09-2V2811XD-X2		
REV:	C	UNIT:	mm	DRW BY	CHK BY	APP BY	DRAWING NO.
SCALE:	N:1	DATE:	2019/01/12	Huangmei	Carl Hu		B09-010
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