

Voltage current rating: 10~40A  
 Dielectric withstanding voltage: 1000V AC  
 Insulation resistance: 5000Megohms min.  
 Temperature range: -55°C to +125°C  
 Durability: 500 cycles  
 ROHS compliant

Part number: B09-2V2611XD-X1

Terminal plating:

4: Full Au 2u"

5: Full Au 1u"

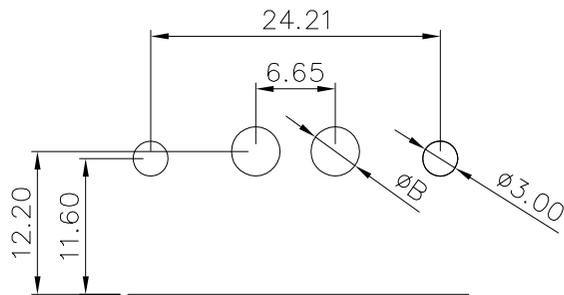
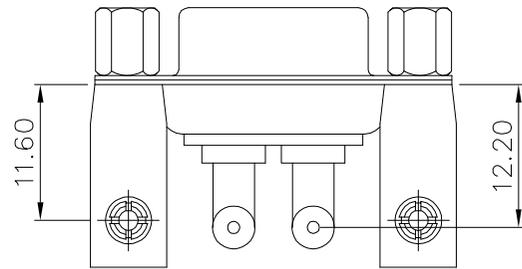
Current Rating:

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



PCB layout

6	Screw	Steel	Plating: Ni
5	Foothold	SPCC	Plating: Ni
4	Rear shell	SPCC	Plating: Sn
3	Front shell	SPCC	Plating: Ni
2	Housing	PBT UL94V-0	Color: black
1	Terminal	Copper alloy	Plating: see part no.
Item	Desc.	Material	Remark

$\Delta$	2021/11/23	Add terminal plating type	Jack Chen
$\Delta$	2021/06/14	Change part number	Jack Chen
$\Delta$	2019/09/04	First edition release	Jack Chen
SIDE	DATE	DESCRIPTION	APPROVER

QUALITY SYMBOLS		Tolerance	
$\square$ :	$\boxtimes$ :	.x	$\pm 0.60$
CRITICAL	MAJOR	.x	$\pm 0.40$
$\nabla$ :	$\nabla$ :	.xx	$\pm 0.25$
ZERO DEFECT	S.P.C		

NAME:	2V2 female right angle, riveted insert, lock screw			PART NO.	B09-2V2611XD-X1		
REV:	C	UNIT:	mm	DRW BY	CHK BY	APP BY	DRAWING NO.
SCALE:	N:1	DATE:	2019/09/04	Huangmei	Jack Chen		B09-006

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8

7

6

5

4

3

2

1

F

F

E

E

D

D

C

C

B

B

A

A

8

7

6

5

4

3

2

1