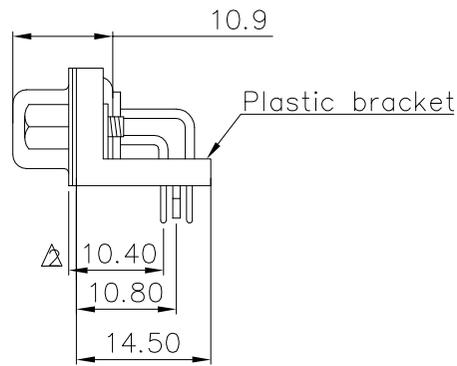


PCB layout



Pin	A	B	C±0.38	D
09	16.92	24.99	30.81	11.08
15	25.35	33.32	39.14	19.39
25	38.96	47.04	53.04	33.24
37	55.42	63.50	69.32	49.86

Current rating: 5 AMP.
 Withstanding voltage: 1000V AC
 Insulation resistance: 5000MΩ Min.
 Temperature range: -55°C to +105°C
 Durability: 500 cycles
 ROHS compliant
 Part number:

B05-0XX5X1XD-B2

Pin No.:

- 09: 9pin
- 15: 15pin
- 25: 25pin
- 37: 37pin

Housing color:

- 1: Black
- 5: White
- 6: Blue

Terminal plating:

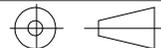
- 3: Full Au 3u"
- 4: Full Au 2u"
- 5: Full Au 1u"

Item	Desc.	Material	Remark
8	Riveted insert	Brass	Plating: Sn
7	Bracket	SPCC	Plating: Ni
6	Nut	Steel	Plating: Ni
5	Bracket	PBT+30%GF	Color: black
4	Housing	PBT+30%GF	Color: see part no.
3	Rear shell	SPCC	Plating: Sn
2	Front shell	SPCC	Plating: Ni
1	Terminal	Brass	Terminal finish: see part number

QUALITY SYMBOLS

- : ☒:
- CRITICAL MAJOR
- ▽: ▽:
- ZERO DEFECT S.P.C

Tolerance	
x.	±0.60
.x	±0.40
.xx	±0.25



NAME:	D-SUB machined pin male right angle, 10.4mm, riveted back plate, nut 4.8mm				PART NO.	B05-0XX5X1XD-B2		
REV:	B	UNIT:	mm	DRW BY	CHK BY	APP BY	DRAWING NO.	
SCALE:	N:1	DATE:	2025/07/18	Yugong	Carl Hu		B05-284	

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SIDE	DATE	DESCRIPTION	APPROVER
△	2025/11/04	Change part number, change dimension labeling	Carl Hu
△	2025/07/18	First edition release	Carl Hu