



Current rating: 5 AMP.
 Contact resistance: 30mΩ MAX
 Withstanding voltage: 1000V AC
 Insulation resistance: 5000MΩ Min.
 Temperature range: -45℃ to +105℃
 Degree of protection: IP67
 ROHS compliant
 Part number:
 BA5-050411XD-02
 Terminal plating:
 4: Full Au 2u"
 5: Full Au 1u"

6	Epoxy sealant	Epoxy	
5	O-ring	Silicone	
4	Rear shell	SPCC	Plating: Sn
3	Front shell	SPCC	Plating: Ni
2	Housing	PBT+30%GF	Color: black
1	Terminal	Copper alloy	Plating: see part number
Item	Desc.	Material	Remark

△	2025/09/12	First edition release	Carl Hu	
SIDE	DATE	DESCRIPTION	APPROVER	
8	7	6	5	4

QUALITY SYMBOLS		Tolerance		NAME:	Waterproof D-SUB 50pin female solder,machined pin			PART NO.	BA5-050411XD-02	
□:	☒:	x.	±0.60	REV:	A	UNIT:	mm	DRW BY	CHK BY	APP BY
CRITICAL	MAJOR	.x	±0.40	SCALE:	N:1	DATE:	2025/09/12	Huangmei	Carl Hu	DRAWING NO.
▽:	▽:	.xx	±0.25							BA5-022
ZERO DEFECT	S.P.C									

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