

Technical drawing of a connector assembly, showing various views and dimensions.

REVISIONS

REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A0	N/A		INITIAL RELEASE	2024.06.17	

规格 Specifications:
额定电压 Voltage rating:24VAC/DC.
额定电流 Current rating:5.0A AC/DC
绝缘电阻 Insulation resistance: $\geq 100\text{M}\Omega$ Min
接触电阻 Contact resistance: $\leq 30\text{m}\Omega$ Max
耐电压 Withstanding voltage:500V AC/minute
寿命 DURABILITY: 5000 CYCLES MIN
拔出力 CONNECTOR MATING FORCES: 3N MIN
插入力 CONNECTOR UNMATING FORCES: 20N MAX
温度区间 Temperature range: -55°C to $+105^{\circ}\text{C}$

PCB LAYOUT

螺帽 (Nut)

垫片 (Washer)

CIRCUIT DIAGRAM

NO.	DESCRIPTION	QTY	MATERIAL	NOTE
8	PIN	1	H62 BARASS	Copper-plated bottom And Tin 40u" MIN
7	GASKET 2	1	PHENOLIC BOARD;T=0.6mm	SEPIA;UL94 V-2
6	TERMINAL 3	1	H62 BARASS;T=0.4mm	Copper-plated bottom And Tin 40u" MIN
5	GASKET 1	1	PHENOLIC BOARD;=0.8mm	SEPIA;UL94 V-2
4	TERMINAL 2	1	TIN BRONZE;T=0.5mm	Copper-plated bottom And Tin 40u" MIN
3	TERMINAL 1	1	PHOSPHOR BRONZE;T=0.4mm	Copper-plated bottom And Tin 40u" MIN
2	HOUSING	1	PBT	BLACK;UL94 V-2
1	SLEEVE	1	H62 BARASS	Copper-plated bottom And Tin 40u" MIN

UNSPECIFIED TOLERANCES

ANGULAR $\pm 5^{\circ}$
X. ± 0.40
X.x ± 0.30
X.xx ± 0.20
X.xxx ± 0.15

XKB INDUSTRIAL PRECISION CO.,LIMITED

DESIGN 桑 菴
CHECKED
APPROVED

VIEW: 
UNIT: mm/in
SIZE: A4

MODEL TYPE: DC JACK
PART NO.: DC-026M-5A-XX
DWG NO.:

SCALE N/A
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