

PJR-D3161Q-A BK7 XXXX L-RH

(1) Series no.

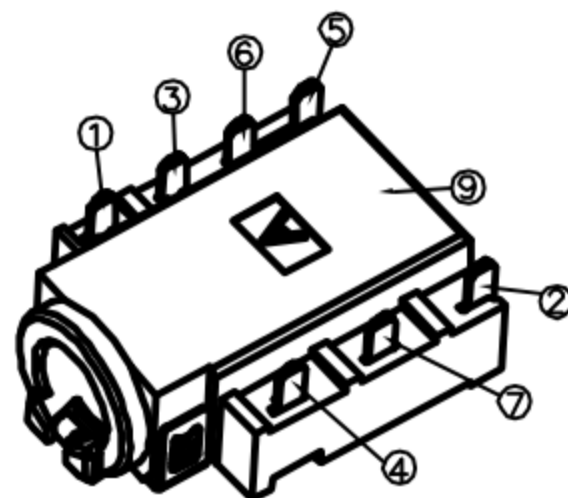
(2) Schematic type: A

(3) Housing color:
BK7=Black

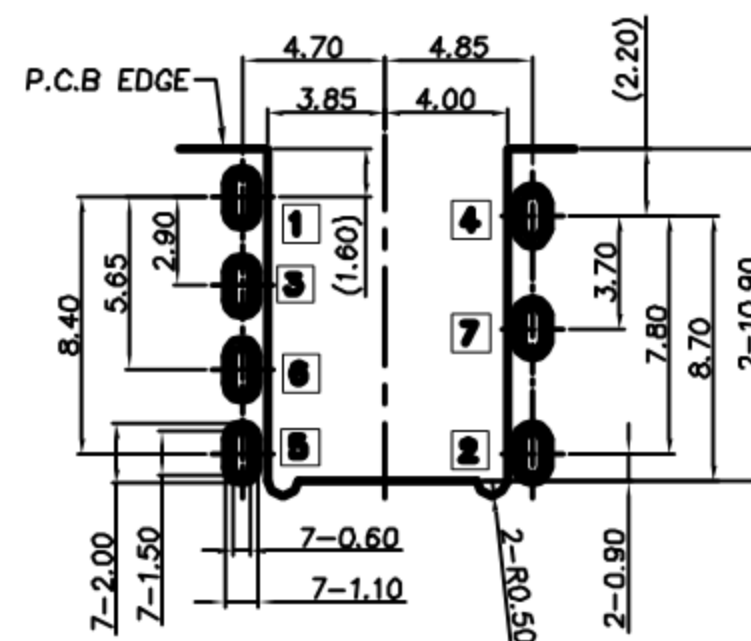
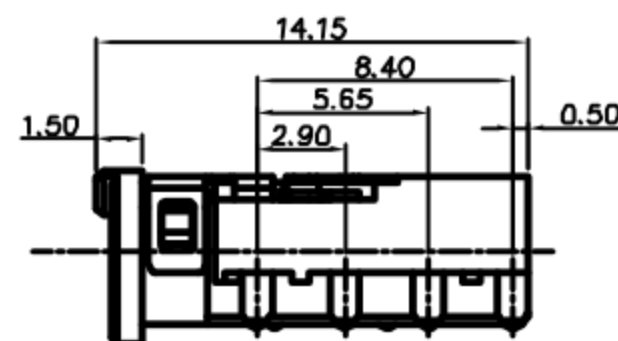
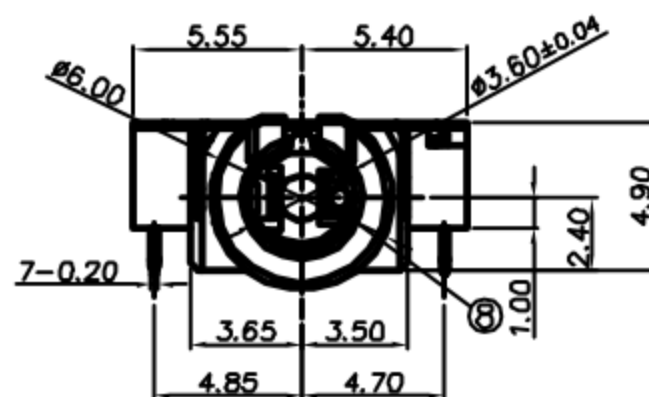
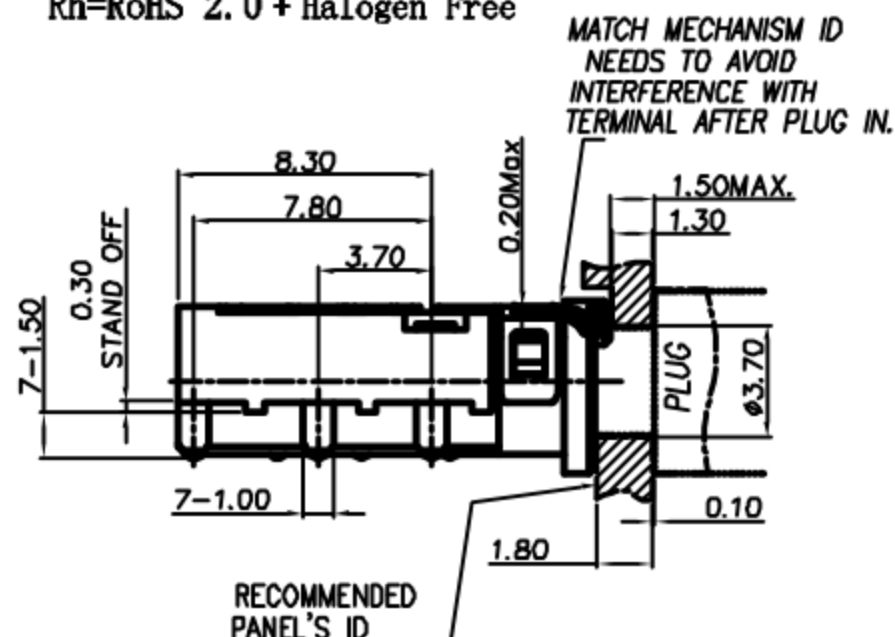
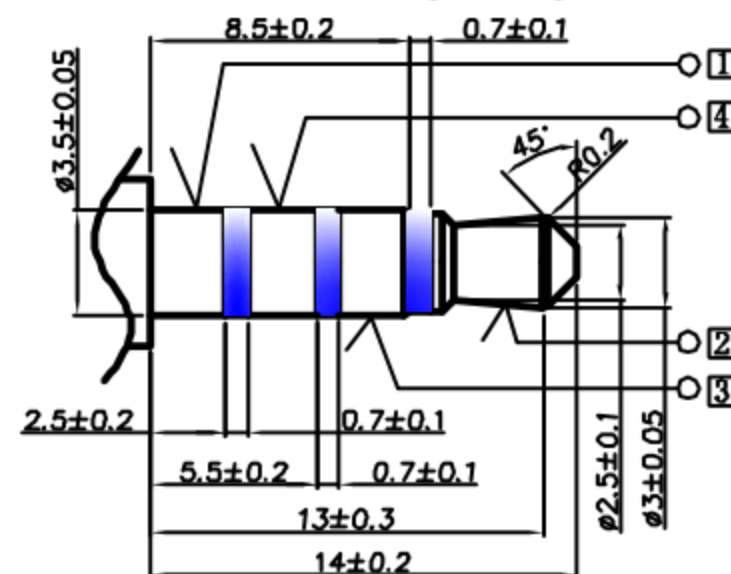
(4) Terminal plating:
AS02=Plating Gold Flash.
AS03=Plating AU 3U".

(5) Packing mode:L=Reel packing

(6) Environmental requirements:
Rh=RoHS 2.0 + Halogen Free



Matching Plug



RECOMMENDED PCB LAYOUT
TOP VIEW TOL:±0.05

SPECIFICATION:

1. Electrical characteristics

1-1. Current rating: 1Amps.

1-2:Voltage rating:12V DC.

1-3:Contact resistance:Between Jack-Plug:50m Ω max;

Within Jack Break Spting, Make Spring:30m Ω max.

1-4. Insulation resistance: 100M Ω min. at 500V DC.

1-5. Withstanding voltage: Mated Set or Plug: 250V AC
Or Jack: 500V AC.

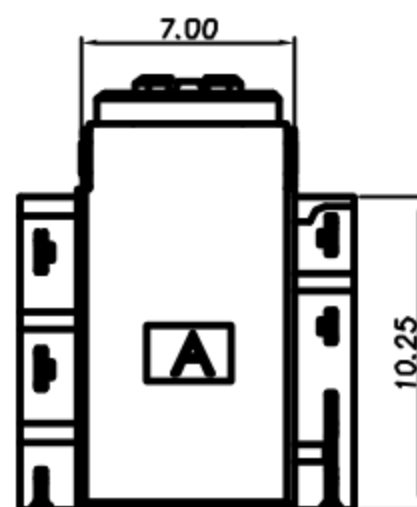
2. Mechanical characteristics

2-1. Life test: 5000 cycles min.

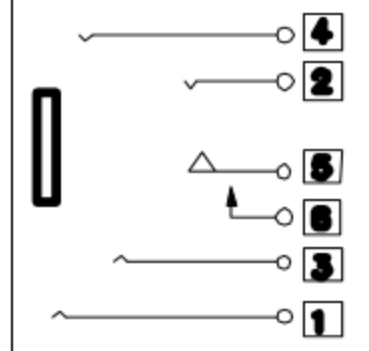
2-2. Mating force: 3~30N.

Unmating force: 3~30N.

3. Operating Temperatures: $-25^{\circ}\text{C} \sim +70^{\circ}\text{C}$, 85%RH Max.



SCHEMATIC



NO.	DESCRIPTION	QTY	MATERIAL	REMARK
①	Housing	1	PA10T, 1/2-24 V-0	Black
②	Insulator	1	PA10T, 1/2-24 V-0	Black
③	Shell	1	00210, 0.20%	002" dia. 0.002" Thick
④	Shunt terminal ⑥	1	00210, 0.20%	0.002" dia. 0.002" Thick 0.002" dia. 0.002" Thick 0.002" dia. 0.002" Thick
⑤	Transfer Spring ⑤	1	00210, 0.20%	0.002" dia. 0.002" Thick 0.002" dia. 0.002" Thick 0.002" dia. 0.002" Thick
⑥	Rise spring ④	1	00210, 0.20%	0.002" dia. 0.002" Thick 0.002" dia. 0.002" Thick 0.002" dia. 0.002" Thick
⑦	Rise spring ③	1	00210, 0.20%	0.002" dia. 0.002" Thick 0.002" dia. 0.002" Thick 0.002" dia. 0.002" Thick
⑧	Tie spring ②	1	00210, 0.20%	0.002" dia. 0.002" Thick 0.002" dia. 0.002" Thick 0.002" dia. 0.002" Thick
⑨	Earth spring ①	1	00210, 0.20%	0.002" dia. 0.002" Thick 0.002" dia. 0.002" Thick 0.002" dia. 0.002" Thick

Angle

 $\pm 2^\circ$

DESIGN

刘伟

2021. 03. 02

东莞市高迪电子有限公司