

REV.	ECN NO.	DESCRIPTION	DATE	DESIGN
G	--	Change needle shape	2020.01.16	YIN
H	--	ADD PLATING SPEC	2020.03.09	YIN

NOTE:

1.MATERIAL SPECIFICATION:

- 1-1.HOUSING:PA6T;COLOR:BLACK,UL94 V-0,HF.
- 1-2.SPACER:PA6T;COLOR:BLACK,UL94 V-0,HF.
- 1-3.CONTACT#1: COPPER ALLOY
- 1-4.CONTACT#2: COPPER ALLOY
- 1-5.CONTACT#3: COPPER ALLOY
- 1-6.CONTACT#4: COPPER ALLOY
- 1-7.CONTACT#5: COPPER ALLOY

2.PLATING SPECIFICATION:

2-1.#1,#5 CONTACTS:

50u" NICKEL UNDER PLATED OVER ALL.
Selective Gold PLATED AT CONTACT AREA.
80u" TIN PLATED ON SOLDER AREA.

2-2.#2 CONTACTS:

50u" NICKEL UNDER PLATED OVER ALL.
Selective Gold PLATED AT CONTACT AREA.
GOLD FLASH PLATING AT TAIL.

2-3.#3&#4 CONTACTS:

NICKEL UNDER PLATED OVER ALL.
GOLD FLASH AT ON CONTACT AREA.
GOLD FLASH PLATING AT TAIL.

3.MECHANICAL PERFORMANCE,

- 3-1.INSERTION FORCE: 0.4-3.0kgf MAX
- 3-2.REMOVAL FORCE: 0.3-3.0kgf MIN
- 3-3.DURABILITY: 1500 CYCLES.

4.ELECTRICAL PERFORMANCE,

- 4-1.CURRENT RATING: 1.0 A
- 4-2.INSULATION RESISTANCE: 100MΩ MIN
- 4-3.DIELECTRIC WITHSTAND VOLTAGE: AC 500V
- 4-4.CONTACT RESISTANCE : 50mΩ MAX(INITIAL)

5.HF COMPLIANT.

6.WAVE SOLDER:

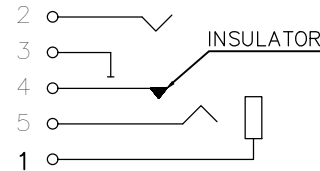
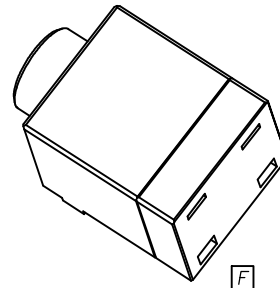
THE CONNECTOR SHALL BE MOUNTED ON THE PCB. THE
TEMPERATURE OF THE SOLDER SHALL BE 270°C AND
IMMERSION DURATION 5 SECONDS.

7.OPERATING TEMPERATURE:-20°C TO 70°C

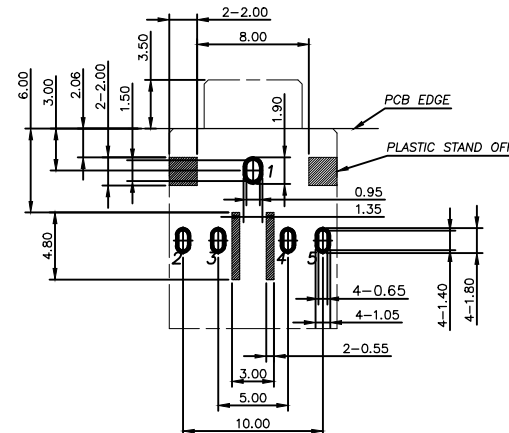
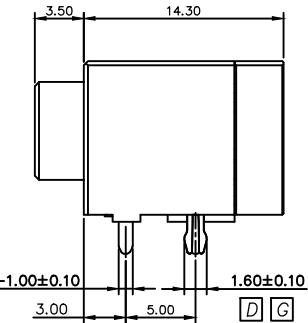
8.DATE CODE: XX XX

WEEK

YEAR



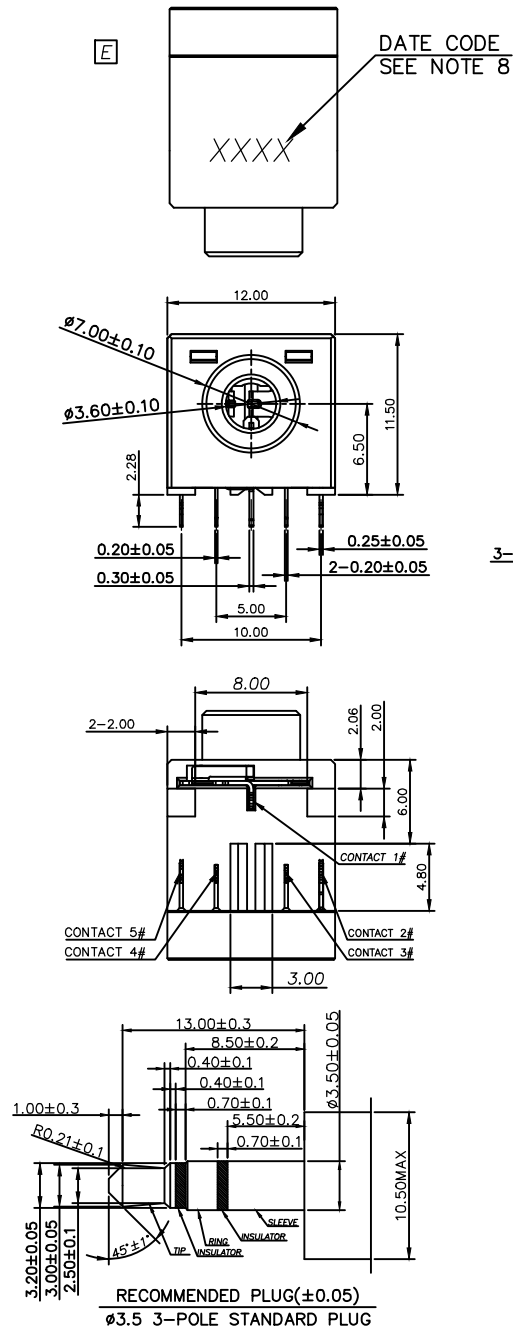
CIRCUIT SCHEMATIC



RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 1.6±0.05mm;DEFAULT TOLERANCE:±0.05

TABLE:

PART NO.	Au	PL	FILE	YIN	2020.03.09
1 2 R J - K 0 5 B -	YG9/7F9	6 R	DESIGN:		
1 2 R J - K 0 5 B -	Y1957u9	6 R	CHECK:		
1 2 R J - K 0 5 B -	Y3907u9	6 R	APPROVED		



RECOMMENDED PLUG(±0.05)
ø3.5 3-POLE STANDARD PLUG

JOINSOO建舜電子

FILE:

DRAW NAME:

DRAW NO.

SINGLE AUDIO JACK 3 POLE
TOP-MOUNT CH=6.50mm

P/N: 12RJ-K05B-Y979*R

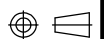
UNIT: mm

SCALE: 1:1

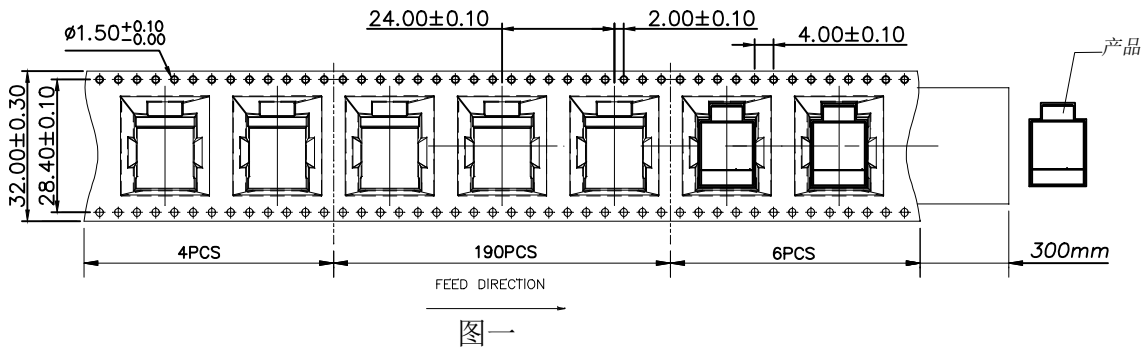
MODEL:

REV: H

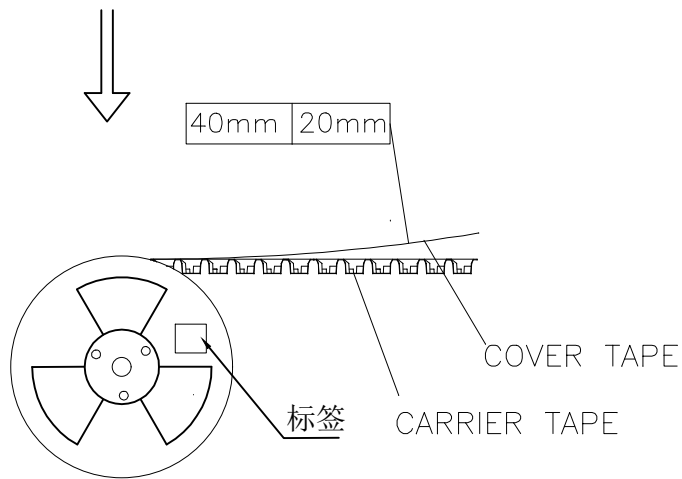
SHEET: 1/2



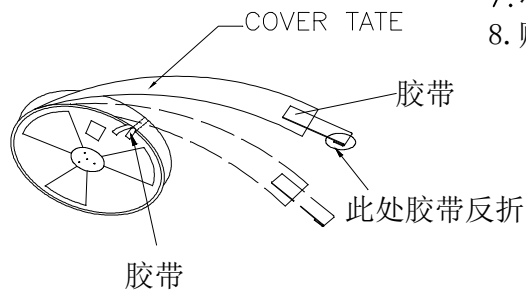
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图一



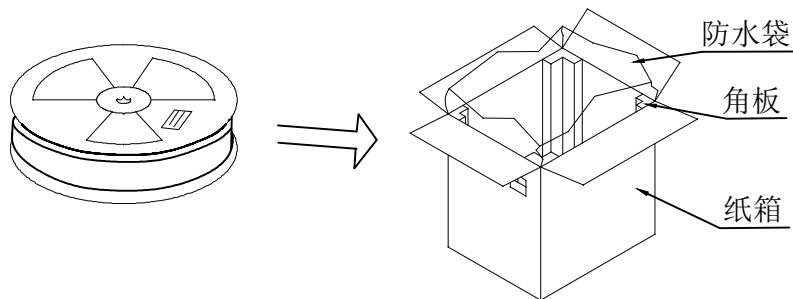
图二



图三

包装说明:

- 每个REEL 盘的包装方式如图一、图二所示。
 - 料带前端留4格不放产品
 - 料带中间放置190PCS产品
 - 料带尾部留6格不放产品
- 封COVER TAPE，超出料带前端300mm
- 纸箱底部放置1PCS纸板
- 纸箱四角每个角放置1PCS角板，共4 P C S 角板
- 纸箱内部放置1PCS防水袋
- 防水袋内放置REEL 盘，7 盘，每盘放置时标签朝上
- 将防水袋封好后，盖上1PCS纸板，封箱
- 贴外箱标签



DIM	TOL	DIM	DEG
X	± 0.50	X°	$\pm 8^\circ$
X.X	± 0.35	X.X°	$\pm 5^\circ$
X.XX	± 0.25	X.XX°	$\pm 3^\circ$
X.XXX	± 0.15	X.XXX°	$\pm 2^\circ$
DESIGN:	YIN	2020.03.09	
CHECK:			
APPROVED			

JOINSOO建舜电子	
FILE:	DRAW NAME:
DRAW NO.	SINGLE AUDIO JACK 3 POLE
P/N: 12RJ-K05B-Y979*R	TOP-MOUNT CH=6.50mm
UNIT: mm	SCALE: 1:1
REV: H	SHEET: 2/2
MODEL:	

