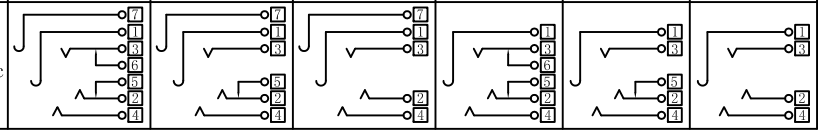
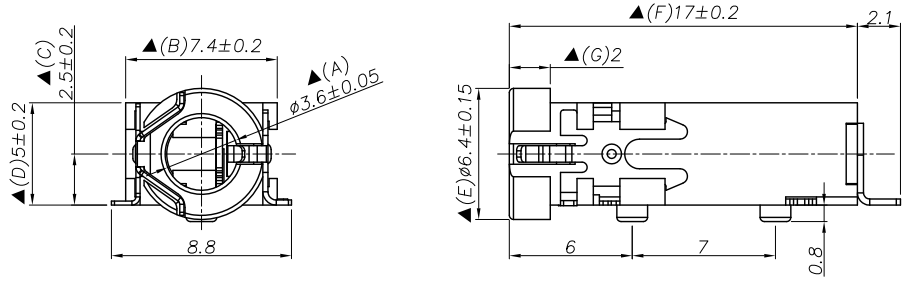
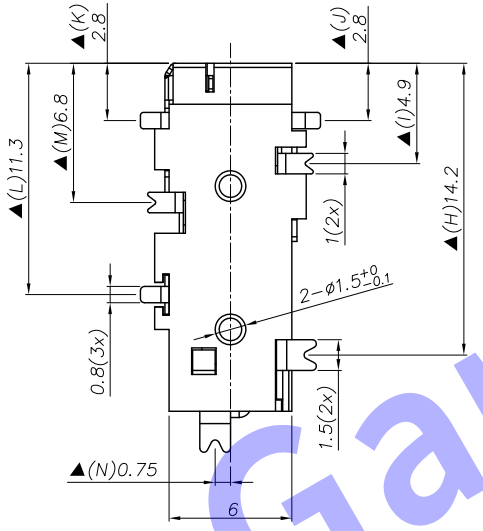
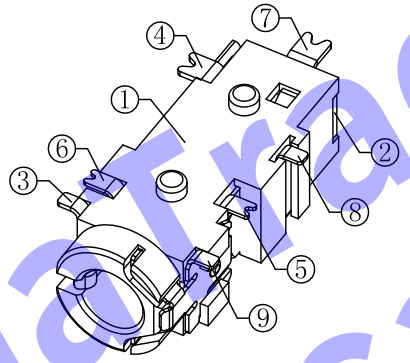
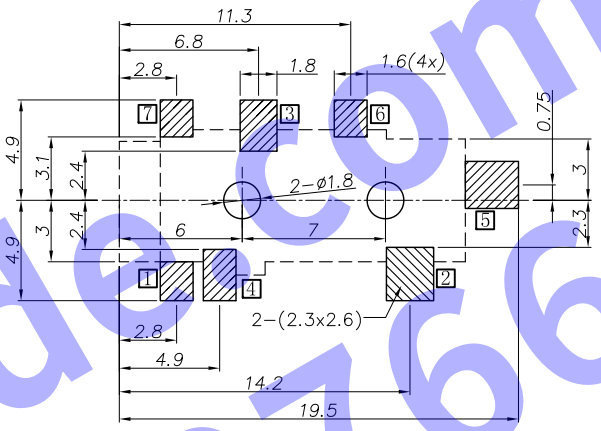
Model No.	③PJ31040-U (PJ-31040)	PJ31040-W	PJ31040-K (PJ-31040-1)	③PJ31040-I	PJ31040-J	PJ31040-M
Schematic						

REV. LTR.	DESCRIPTION	SIGN	DATE
①	Part No. changed	Michael	2008.09.27
②	Update drawing	Michael	2010.11.03
③	Add schematic	Michael	2010.12.21









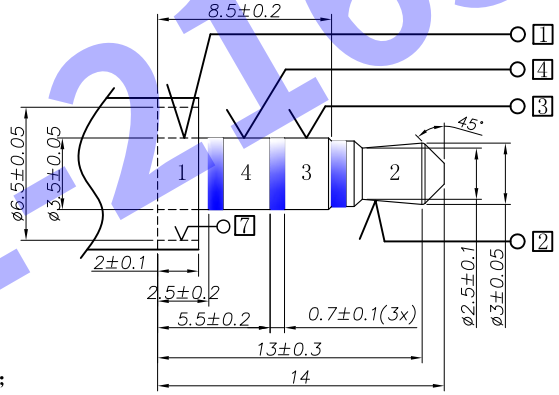
RECOMMENDED P.C.B. LAYOUT
UNSPECIFIED TOLERANCE: ±0.05
(COPPER-SIDED VIEW)

Ordering information:

PJ31040 - □ 9T 0A S 00 1
(1) (2) (3) (4) (5) (6) (7)

(1):Series No.
(2):Schematic option:
U, W, K, I, J, M
(3):Material of housing:
9T=PA9T
(4):Housing color:
Zero—0A=Black
(5):Terminal plating:
S=Silver(Ag)
(6):Special option:
00=No special option
(7):Packing mode:
1=Tape reel packing

Matching Plug



Specification:
1. Rating : DC 30V 0.5A;
2. Contact resistance: ≤50mΩ;
After test:≤100mΩ
3. Insulation resistance: ≥100MΩ(500VDC);
After test:≥50MΩ
4. Withstand voltage: 500VAC ;
5. Insertion and extraction force: 3N~30N;
6. life test: 5000cycles min;
7. Operation temperature range: -20℃~70℃;
8. Preservation temperature range: -40℃~85℃;
9. Sign"▲ "is importance dimension;

NO.	DESCRIPTION	QTY	MATERIAL	PART NO.⚠	REMARK
⑨	Earth terminal 7	1	Phosphor bronze 0.2t	PJ31040-07	Silver plating
⑧	Shunt terminal 6	1	Brass 0.2t	PJ31040-06	Silver plating
⑦	Shunt terminal 5	1	Brass 0.3t	PJ30280-04	Silver plating
⑥	Ring spring 4	1	Stainless steel 0.2t	PJ30280-01	Silver plating
⑤	Ring spring 3	1	Stainless steel 0.2t	PJ30280-01	Silver plating
④	Tip spring 2	1	Phosphor bronze 0.3t	PJ30280-02	Silver plating
③	Earth spring 1	1	Phosphor bronze 0.25t	PJ31040-01	Silver plating
②	Cover	1	PA9T,UL 94V-0	PJ30280-S2	
①	Housing	1	PA9T,UL 94V-0	PJ31040-S1	

UNIT: MM	TYPE:	MODEL NO.:	PAPER NO: A4		PAGE 1 OF 1	
			TOLERANCE	ANGLES	SCALE	VER
	3.5 PHONE JACK	PJ31040-_9T0AS001	±0.3	±2°	N/A	3

DESIGNER BY:	Michael 2010.12.21	H D C 有限公司
CHECK BY:		
APPROVED BY:		

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