

Please Approve this Drawing

Date

Signature

REVISIONS

No.	DESCRIPTION	ECN No.	DATE
	INITIAL RELEASE	ECN-220130504	2013.05.06

NOTE;

1.Material

Housing:Black LCP(UL94-V0)

Cap:Black HTN(UL94-V0)

Plunger:Brass C3604

Barrel:Brass C3604

Spring:SUS304

2.Plating

Plunger:20±10 micro inch PdNi over 50~100 micro inch nickel

Barrel :20 micro inch minimum Au over 50~100 micro inch nickel

3.Electrical

Rated current & voltage:DC12V;1A (Peak:2A Max.)(quiescence)

Contact resistance:100 mohm maximum at working height(quiescence)

4.Mechanical

Spring force:60g±20% at working height.

Durability:30,000 cycles(minimum)

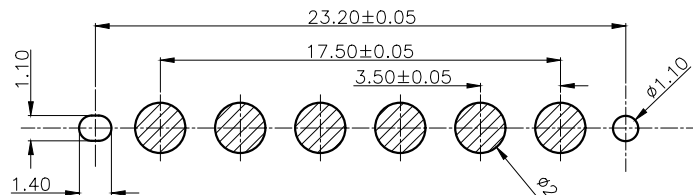
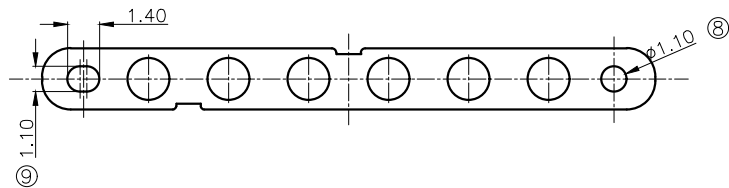
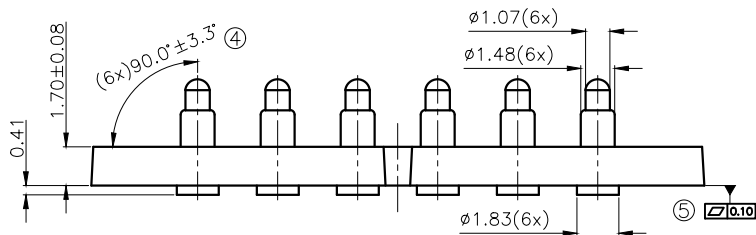
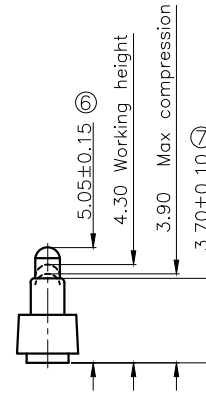
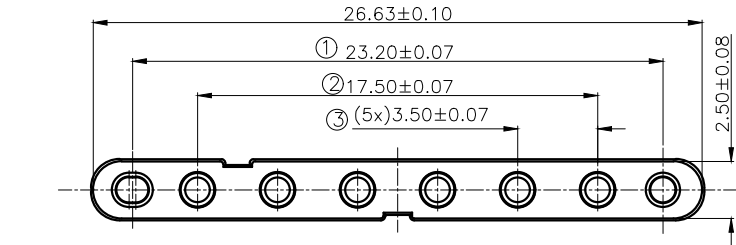
5. To avoid arcing issue, The adaptor start to power supply after connector mated fully.

6.To ensure the best usage,please operate it based on the working height.

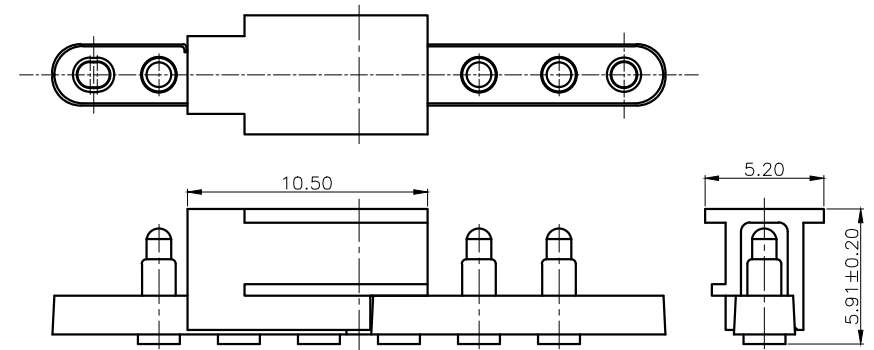
7.RoHS and HF compliant product.

8.Push out force on all pogo pins must exceed 100 grams per pogo pin.

9. ① to ⑨ dimensions should be measured by FQC and OQC.



RECOMMEND PCB LAYOUT



DRAWN	覃文娇	SCALE:	1 : 1	UNIT	mm	DRAWING NO.	F999AA02-06350BR
CHECKED		SHEET:	1 of 1	PROJECT		TITLE: Pogo Pin Connector	
APPROVED		DATE:	2013.05.06	VER.	A.0		
THE UNMARKED TOLERANCE ARE AS BELOW :				C.C.P. (DG) CONTACT PROBES CO.,LTD. 东莞中探探针有限公司			
LENGTH		ANGLE		The information in this document is property of C.C.P company and should not be copied or reproduced in any other way, without written permission.			
0~6.0	±0.05mm	0.	±2.0°				
>6~30	±0.10mm	0.0	±1.0°				
>30~120	±0.15mm	0.00	±0.50°				