



REVISIONS			
NO.	DESCRIPTION	DCN No.	DATE
A.0	INITIAL RELEASE	DCN-201505061	2015.05.28
A.1	Update drawing	DCN-201507014	2015.07.14
A.2	Update drawing	DCN-201507035	2015.07.27
A.3	Update drawing	DCN-201508020	2015.08.27

- NOTES:
- Materials (材质):
    - .Housing (胶芯): Black PC
    - .Plunger&Barrel (针轴&针管): Brass (黄铜C3604)
    - .Spring (弹簧): SWP (琴钢线)
    - .Mylar(麦拉): 积水5220PSB (T=0.2mm)
  - Plating (电镀):
    - .Plunger :5 micro-inch minimum Au over 50-100 micro-inch Ni (针轴: 镀镍50-100 micro-inch 后最少镀金 5 micro inch)
    - .Barrel 1 :30 micro-inch minimum Au over 40~80 micro-inch CuSnZn (针管 1: 镀铜锡锌40-80 micro-inch 后最少镀金 30 micro inch)
    - .Barrel 2 :50 micro-inch minimum Au over 40~80 micro-inch CuSnZn (针管 2: 镀铜锡锌40-80 micro-inch 后最少镀金 50 micro inch)
  - Electrical (电气特性)
    - .Rated Current & Voltage : DC 12V ; 1A Max (电压&电流: 直流电12伏;1安)
    - .Contact resistance:50 mohm maximum at working height(quiessence) (接触阻抗: 在工作高度时最大阻抗50毫欧)(静态)
  - Mechanical (机械特性)
    - .Spring Force: 60g±20g at Normal Working Height; (弹力: 在工作高度的弹力60g±20g)
    - .Durability:10,000 cycles(minimum)(寿命: 10,000次)(最少)
  - To ensure the best usage, please operate it based on the working Height. (为了确保产品的最佳性能, 请在工作高度范围内使用).
  - Based on the Engineering Drawings, shall not exceed the maximum allowed compression. (根据工程图纸, 不得超过允许的最大压缩行程使用)
  - Harmful material control please follow DOC. NO. "DQ03050" (有害物质管控请遵循文件NO. "DQ03050")
  - ①② .....Mark is Major Dimension.(①② .....标示的尺寸为重点管控尺寸)
  - Ⓢ .....Mark is CPK Dimension.(Ⓢ .....标示的尺寸为CPK尺寸)

PART (零件)	P/N(料号)	QUANTITY(用量)
POGO PIN	P2988FH03	2pcs
	P2988FH08	2pcs
胶芯	H04H180-S2	1pcs
Mylar	P2988MC01	1pcs
防水胶	UV3311	0.02g

DRAWN	yangliwei	SCALE:	1 : 1	UNIT	mm	DRAWING NO.	P2988MM08-04H180H
CHECKED		SHEET:	1 of 1	PROJECT		TITLE:	Pogo Pin Connector
APPROVED		DATE:	2015.07.16	VER.	D.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°				