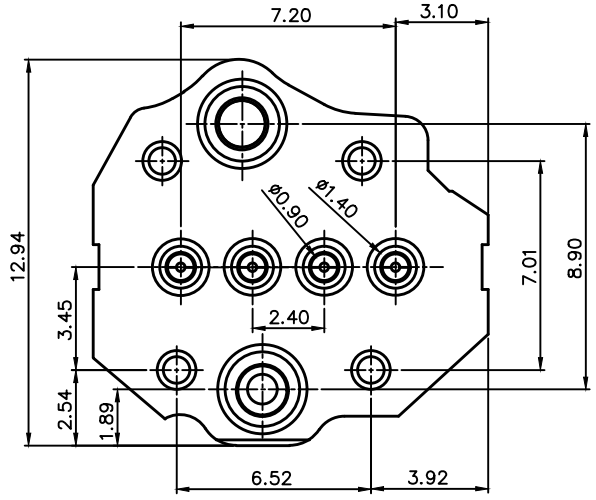
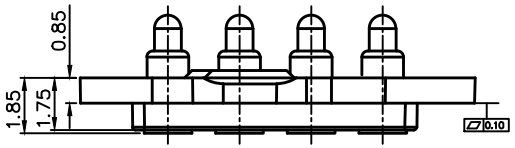
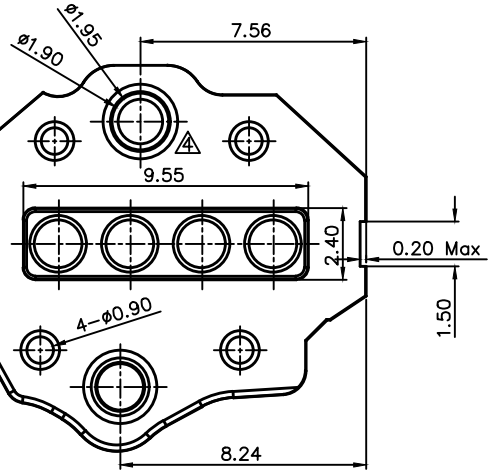
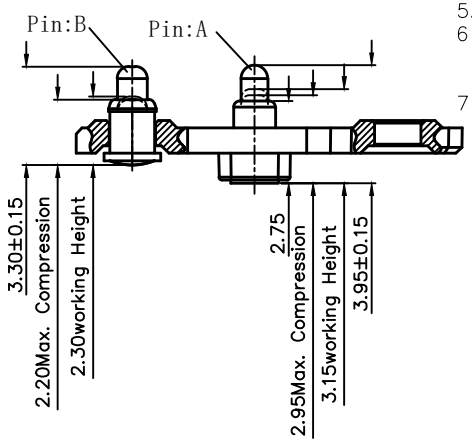
Please Approve this Drawing	
Date	
Signature	

REVISIONS			
NO	DESCRIPTION	ECN NO	DATE
	INITIAL RELEASE	ECN-2201501031	2015.01.23









NOTES:

1. Materials:
   .Housing : White Sabic PC+20%GF(HFD4472-WH8G897)
   .Plunger&Barrel: Brass C3604
   .Spring: SWP/SUS304
2. Plating:
   .PlungerA :5 micro-inch minimum Au over 40 micro-inch minimum CuSnZn
   .BarrelA :50 micro-inch minimum Au over 40 micro-inch minimum CuSnZn
   .PlungerB&BarrelB :5 micro-inch minimum Au over 40 micro-inch minimum CuSnZn
3. Electrical
   .Pin A Rated Current & Voltage : DC 12 V ; 1.5A
   .Pin B Rated Current & Voltage : DC 12 V ; 1A
   .Contact Resistance: 50 mohm maximum at Working Height(Quiescence)
4. Mechanical
   .Spring Force Pin A :85±20%g at Working Height
   .Spring Force Pin B :70±20%g at Working Height
   .Durability: 10,000 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.
   .Based on the Engineering Drawings, shall not exceed the maximum allowed compression.
7. .Harmful material control please follow DOC. NO."DQ03050"

DRAWN	linyushou	SCALE:	5 : 1	UNIT	mm	DRAWING NO.	P2653MF02-04A240HR
CHECKED		SHEET:	1 of 1	PROJECT		TITLE:	Pogo Pin Connector
APPROVED		DATE:	2015.01.23	VER.	A.0		

THE UNMARKED TOLERANCE ARE AS BELOW :

LENGTH		ANGLE	
0~6.0	±0.05mm	0.	±2.0°
>6~30	±0.10mm	0.0	±1.0°
>30~120	±0.15mm	0.00	±0.50°

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