

Note:

Materials:

- .Insulator: Black high temperature plastics UL94 V-0
- .Plunger: Brass Au over Ni
- .Barrel: Brass Au over Ni
- .Spring: SUS surface treatment

Mechanical:

- .Contact force: 50g±20% at 0.5mm working stroke
- .Life test: 50,000 cycles

Electrical:

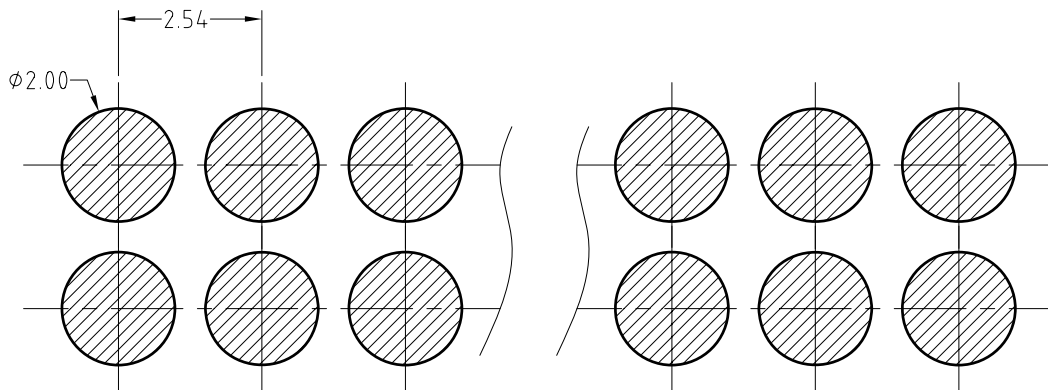
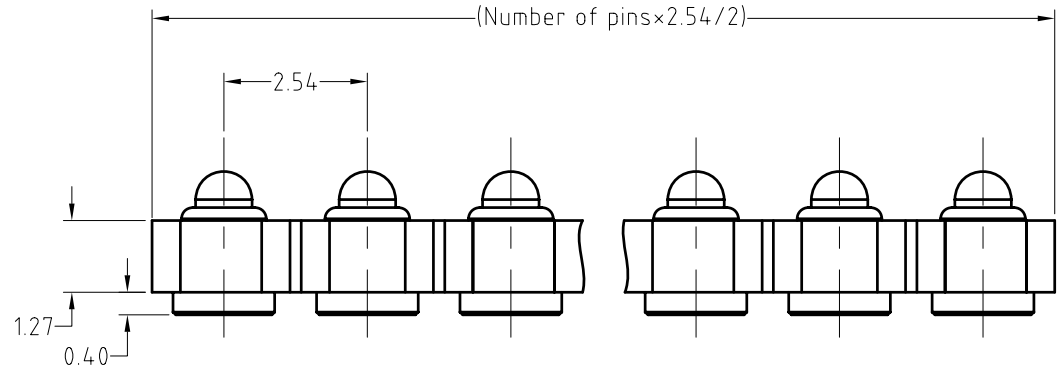
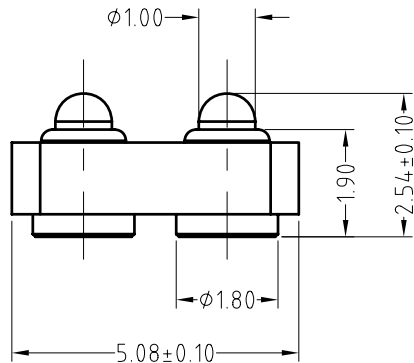
- .Rated current & voltage: DC 12V; 1A Max
- .Contact resistance: 50 milliohm Max.

Cannot be used as the charging,

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.



BF194 GG - NN 254S0A		
Part	NO.	Qty
Pogo pin	BF194GG	NN
Housing	H254-NNS01	1



Recommended pcb layout  
Layout tolerance: ±0.05mm

BF194 GG - NN 254S0A		
GG-Plating:		NN-Number of pins:
Barrel	Plunger	01-1 pin
A-0.025um	A-0.025um	02-2 pin
B-0.075um	B-0.075um	...
1-0.125um	1-0.125um	24-24 pin
2-0.25um	2-0.25um	
3-0.375um	3-0.375um	
4-0.50um	4-0.50um	

SCALE	10:1	UNIT:mm	THIS DOCUMENT IS THE SOLE PROPERTY OF CFE CORPORATION CO.,LTD., AND SHOULD NOT BE USED IN WHOLE OR IN PART WITHOUT PRIOR WRITTEN PERMISSION.
ANGEL	±1°	A4	
0~6	±0.05		
6~30	±0.10		
30~150	±0.15		
GENERAL TOLERANCE UNLESS OTHERWISE NOTED		APPRO	



PART NO. BF194GG- NN254S0A

FILE NAME BF194XX

TITLE. Pogo pin connector

ECN(DCN) NO.	REV	DATE	DESCRIPTION
	A0	2017.02.20	NEW