Note:

Materials:

.Insulator: Black high temperature plastics Ul94 V-0

.Plunger: Brass 0.25um Au over Ni.

.Spring: SUS surface treatment

.Barrel: Brass 0.25um Au over Ni.

Mechanical:

.Contact force: 70g±20g at 1.0mm working stroke

.Full stroke: 1.4mm

.Life test: 50,000 cycles

Electrical:

.Rated current & voltage: DC12V; 3A Max.

.Contact resistance: 50 milliohm Max.

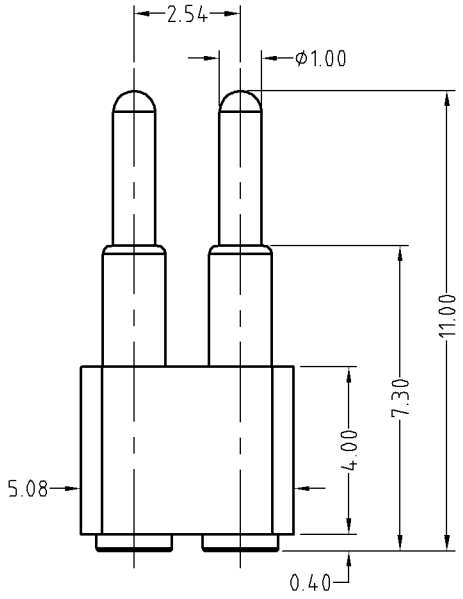
Standard tolerances are:

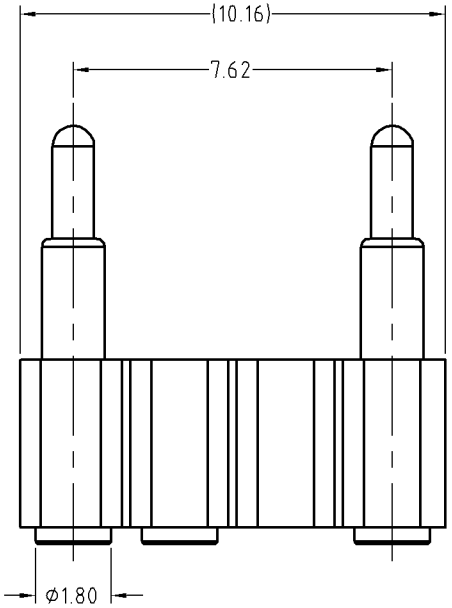
.Diameters: +/-0.05mm

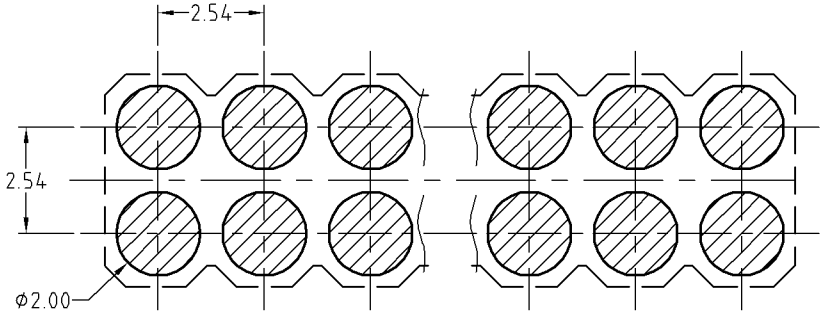
.Lengths: +/-0.15mm

.Angles: +/-2°

BOM		
Part	NO.	Qty
Pogo pin	MF501-3111	4
Housing	H254-08F01	1







Recommended pcb layout

Layout tolerance: ±0.05mm

———	D0	2015.03.04	NEW
ECN(DCN) NO.	REV	DATE	DESCRIPTION

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		SHEET: 1 of 1	
6~30	±0.10	DRAW		
30~150	±0.15	CHECK		
GENERAL TOLERANCE UNLESS OTHERWISE NOTED		APPRO		

CFE 东莞市川富电子有限公司 CFE CORPORATION CO.,LTD.

PART NO.	BF38411-04254F0A
FILE NAME	BF384XX
TITLE.	Pogo pin connector