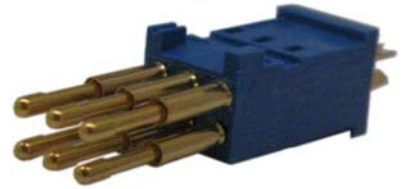




# Au 6-Pin (2 rows of 3 pins) Pogo Connector

(Part#: CON-2X3PIN-POGO)

Rev. A  
Feb 2020



Two rows of 3 pogo pins (total of 6 pogo pins) are paired with base sockets, and mounted in a fixture in two rows with standard pitch at 0.100" [2.54mm], as shown in Figure 1.

All pogo pins are gold plated, which secures both good electric contact and long term durability. Standard **Radius** pin header is shown in Figure 2, **serrated** pin header (Figure 3) is optional per request.

The base sockets are also gold plated for good solderability. Cable with wire size from 20 to 24 AWG is able to soldered into the socket.

### Specification:

- Current rating: 3 amps continuous
- Spring force: 4.0~7.0 oz each @ 0.100 inch travel
- Pogo pin Material: BeCu with gold plated
- Tails of Pogo Pins are soldering cup suitable with wires in 20 ~ 24 AWG
- Typical contact resistance: < 60 mOhm
- Working travel: 0.100~0.160 inch
- Tips of Pogo Pins are replaceable

### Recommended PCB pads pattern:

Recommended through hole PCB pads pattern (mating with respective pin headers) is shown in the following figure, recommended parameters are: ID=1 mm, OD=2mm, and pin pitch=2.54 mm (100 mil).

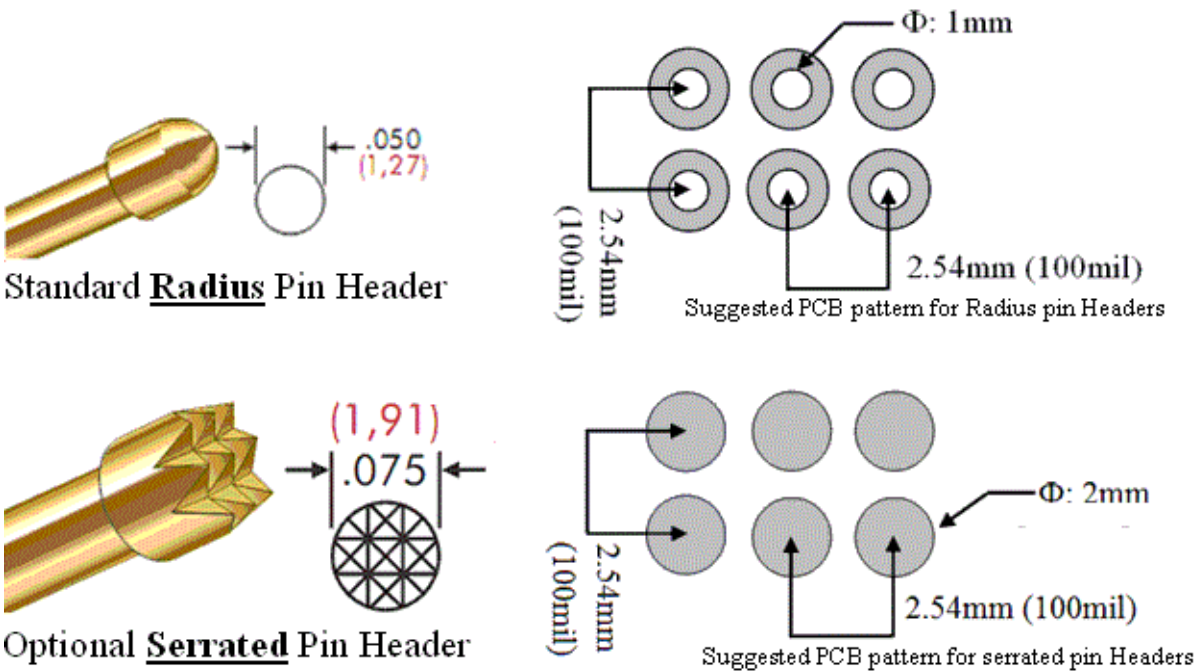


Figure 2 Pin Header and Suggested PCB pattern