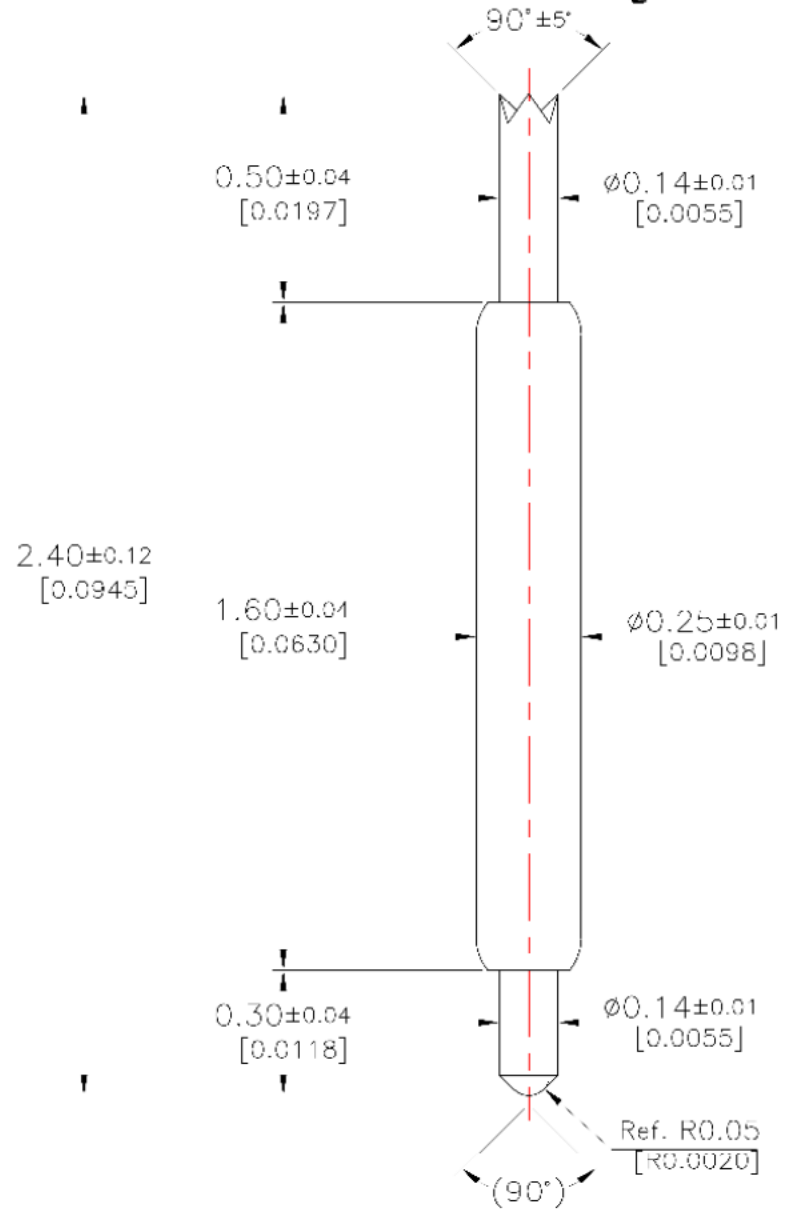


| REV | DESCRIPTION | DATE     | BY |
|-----|-------------|----------|----|
| A   | NEW DRAWING | 07/08/16 | MN |

SKT4277

[Device Side]

**Ball Contact Angle**



Pointing Accuracy: ± 0.06 mm

Spring Force: ± 3g

| STATE                | TRAVEL          | SPRING FORCE    |
|----------------------|-----------------|-----------------|
| Initial Travel       | --              | 3.8g (0.134oz)  |
| **Recommended Travel | 0.35mm(0.0138") | 14.0g (0.493oz) |
| **Full Travel        | 0.45mm(0.0177") | 16.9g (0.596oz) |

| PART                  | MATERIAL                  | FINISH      |
|-----------------------|---------------------------|-------------|
| Spring                | Music Wire                | Gold Plated |
| Barrel                | Ni-Au Alloy               | Gold Plated |
| Plunger [Device Side] | Hardened Beryllium Copper | Gold Plated |
| Plunger [Bottom Side] | Hardened Beryllium Copper | Gold Plated |

**\*\*NOTE:** It is important to verify the working travel of the probe when designing the fixture or socket. The recommended working travel is 0.35mm and there is only a difference of 0.10mm to full compression. Full compression may cause the pin to fail and damage the device, spring, plungers and/or pcb pads. The Pointing Accuracy needs to be considered in the housing design in case of having a SHORT problem or abnormal mechanical operation.

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED

**EMULATION TECHNOLOGY, INC.**  
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 FAX: (805) 383-8484

SHEET: 1 OF 1    DATE: 07/08/16    REVISION: A    **ASSEMBLY DRAWING**

CHECKED:    PREPARED BY: M. Nunes    ITEM: POGO-PIN-2.40-2

DO NOT SCALE DRAWING    DESCRIPTION: POGO-PIN-2.40-2

[Board Side]