

# Customer Information Sheet

DRAWING No.: P25-0822

SHEET 2 OF 2

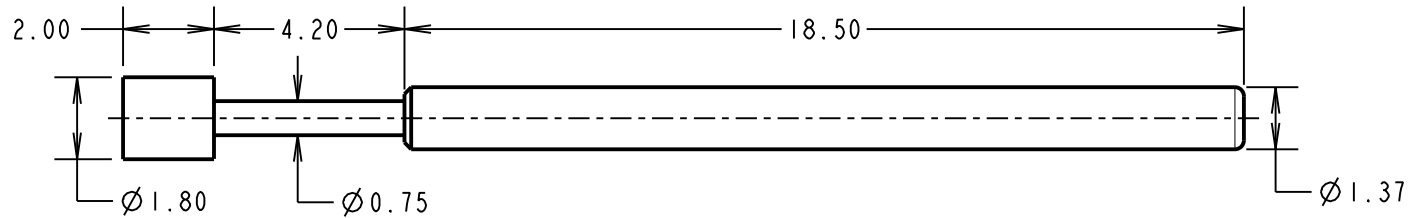
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



**NOTES:**

1. TO BE USED WITH SLEEVE S25-XX2.
2. SUITABLE FOR A MINIMUM DISTANCE BETWEEN CENTRES OF 2.54mm.

**SPECIFICATIONS:**

**MATERIAL:**

- PLUNGER = BERYLLIUM COPPER
- BARREL = BRASS
- SPRING = STAINLESS STEEL

**FINISH:**

- PLUNGER AND BARREL = GOLD

**ELECTRICAL:**

- CURRENT RATING = 3A
- CONTACT RESISTANCE = 50mΩ MAX AT 2/3 TRAVEL

**MECHANICAL:**

- DURABILITY = 100,000 MIN CYCLES
- FULL TRAVEL = 4.20mm
- SPRING FORCES:
  - AT FULL TRAVEL = 1.47N ± 0.29N (150g ± 20%)
  - AT 2/3 TRAVEL = 1.13N ± 0.23N (115g ± 20%)

**ENVIRONMENTAL:**

- OPERATING TEMPERATURE = -40°C TO +180°C

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**TOLERANCES**

- X. = ±1mm
- X.X = ±0.50mm
- X.XX = ±0.10mm
- X.XXX = ±0.01mm
- ANGLES = ±5°
- UNLESS STATED

**MATERIAL:**

SEE ABOVE

**FINISH:**

SEE ABOVE

**S/AREA:**

mm<sup>2</sup>

**TITLE:**

2.54mm MIN. CENTRE  
TWO-PIECE SPRING PROBE

**DRAWING NUMBER:**

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