

Customer Information Sheet

DRAWING No.: P25-4021

SHEET 2 OF 2

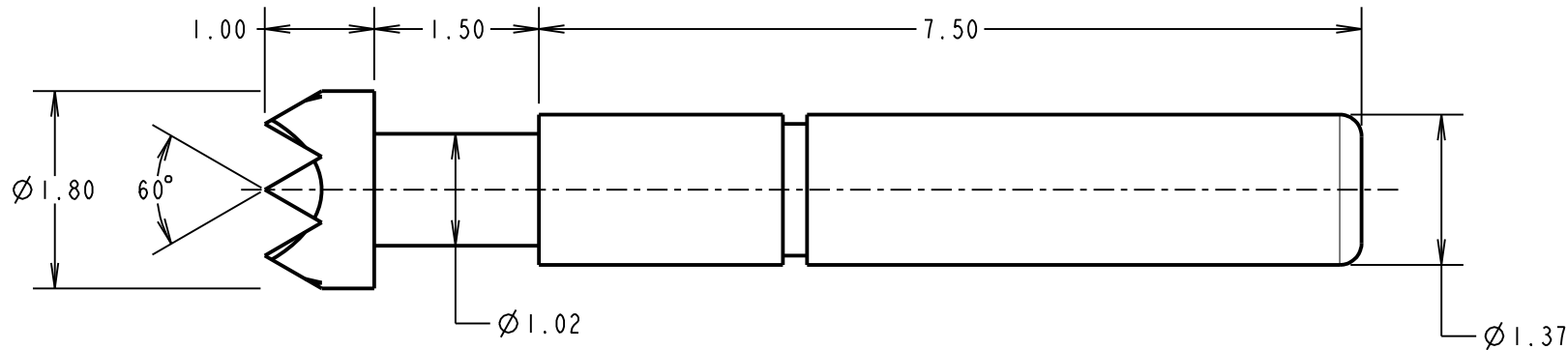
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



NOTES:

1. TO BE USED WITH SLEEVE S25-501.
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 = 100mΩ MAX AT 2/3 TRAVEL

MECHANICAL:

- DURABILITY = 100,000 MIN CYCLES
- FULL TRAVEL = 1.50mm
- SPRING FORCES:
 - AT FULL TRAVEL = 1.08N ± 0.22N (110g ± 20%)
 - AT 2/3 TRAVEL = 0.78N ± 0.16N (80g ± 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:

mm²

TITLE:

2.54mm MIN. CENTRE
TWO-PIECE SPRING PROBE

DRAWING NUMBER:

P25-4021

SHT
2 OF 2