

Customer Information Sheet

DRAWING No.: P25-4021

SHEET 2 OF 2

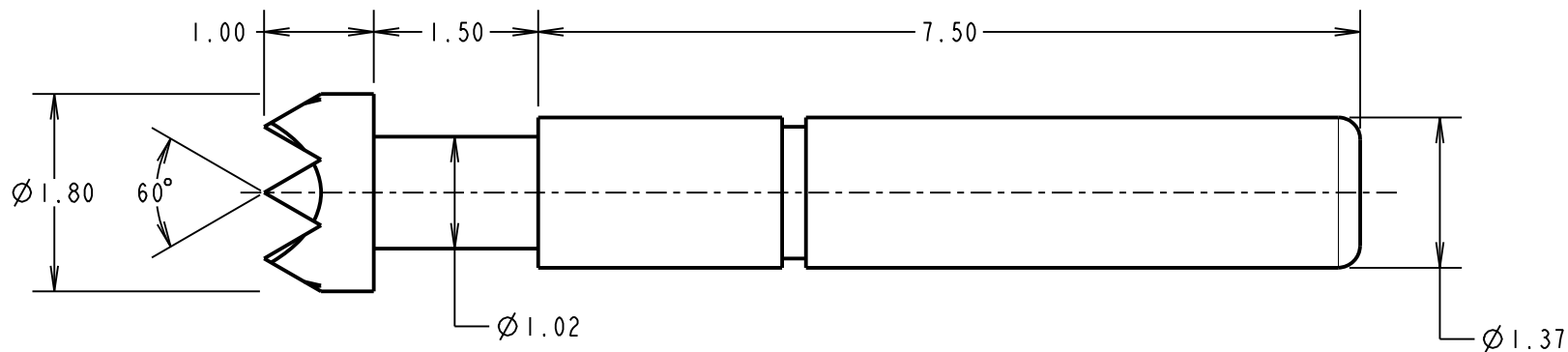
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



ORDER CODE:
P25-4021
PROBE HEAD
VARIANT (SEE BELOW)

NOTES:

1. TO BE USED WITH SLEEVE S25-501.
2. SUITABLE FOR A MINIMUM DISTANCE BETWEEN CENTRES OF 2.54mm.

SPECIFICATIONS:

MATERIAL:

- PLUNGER = HEAT TREATED BERYLLIUM COPPER
- BARREL = PHOSPHOR BRONZE
- SPRING = STAINLESS STEEL

FINISH:

- PLUNGER AND BARREL = GOLD

ELECTRICAL:

- CURRENT RATING = 3A
- CONTACT RESISTANCE = 30 MILLIOHMS

MECHANICAL:

- DURABILITY = 1,000,000 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 +85°C

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TOLERANCES
X. = ±1mm
X.X = ±0.25mm
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