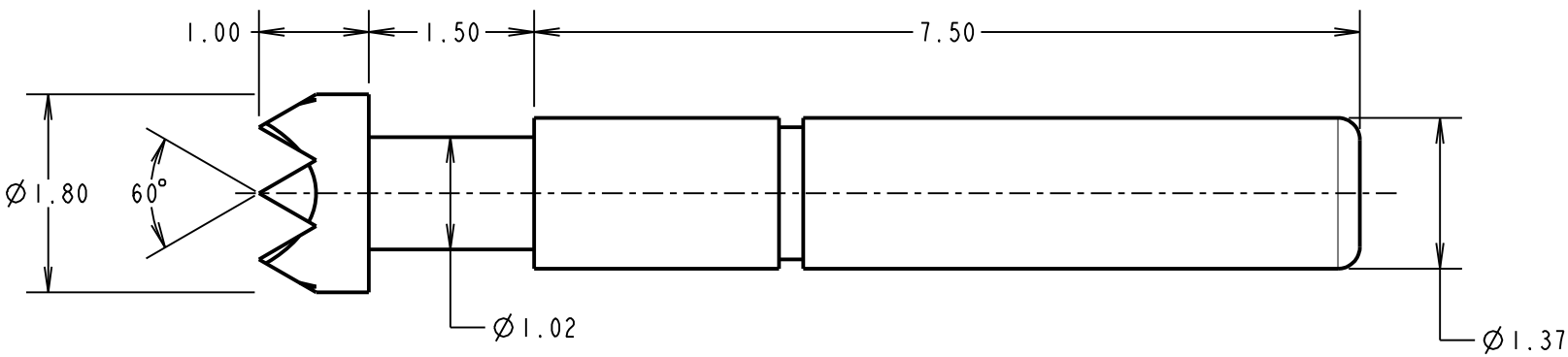
Customer Information Sheet

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

MSP	6	21.07.17	20124
NAME	ISS.	DATE	C/NOTE

APPROVED:	M.PERREN
CHECKED:	M.PLESTED
DRAWN:	W.J.BOURNE
CUSTOMER REF.:	
ASSEMBLY DRG:	

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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