

Customer Information Sheet

DRAWING No.: P25-0822

SHEET 2 OF 2

IF IN DOUBT - ASK

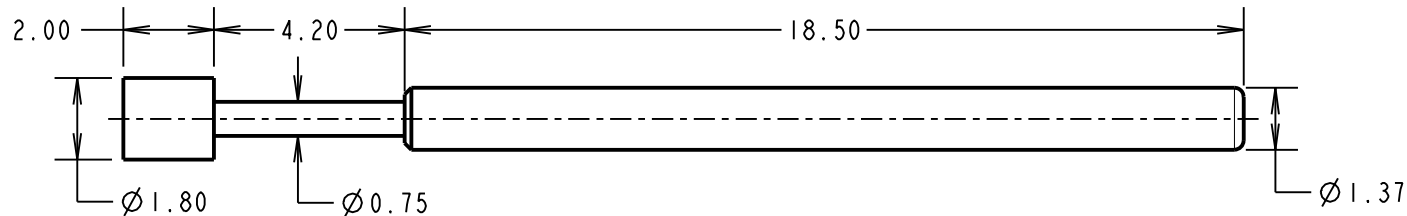
©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

ORDER CODE:

P25-0822PROBE HEAD
VARIANT (SEE BELOW)**NOTES:**

1. TO BE USED WITH SLEEVE S25-XX2.
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 = 100,000 CYCLES

FULL TRAVEL = 4.20mm

SPRING FORCES:AT FULL TRAVEL = $1.47\text{N} \pm 0.29\text{N}$ (150g $\pm 20\%$)AT 2/3 TRAVEL = $1.13\text{N} \pm 0.23\text{N}$ (115g $\pm 20\%$)**ENVIRONMENTAL:**OPERATING TEMPERATURE = -40°C TO $+85^{\circ}\text{C}$

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TOLERANCESX. = $\pm 1\text{mm}$
X.X = $\pm 0.25\text{mm}$
X.XX = $\pm 0.10\text{mm}$
X.XXX = $\pm 0.01\text{mm}$ ANGLES = $\pm 5^{\circ}$

UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH: SEE ABOVE

S/AREA: mm²**TITLE:**2.54mm MIN. CENTRE
TWO-PIECE SPRING PROBE

DRAWING NUMBER:

P25-0822SHT
2 OF 2

Mouser Electronics

Authorized Distributor

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