

# Customer Information Sheet

DRAWING No.: P25-0822

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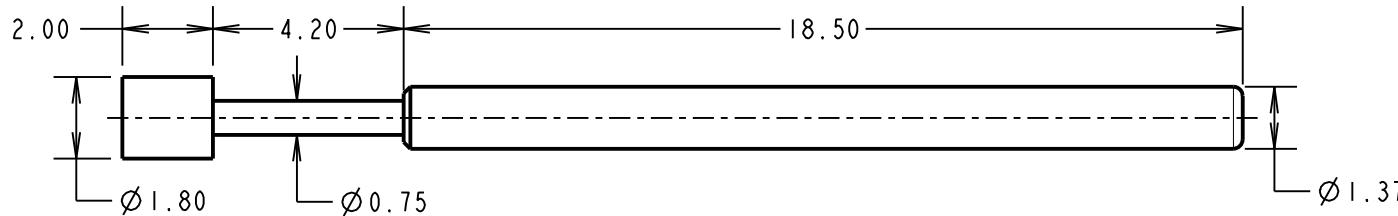
IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



ORDER CODE:

**P25-0822**

PROBE 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 =  $1.47N \pm 0.29N$  ( $150g \pm 20\%$ )

AT 2/3 TRAVEL =  $1.13N \pm 0.23N$  ( $115g \pm 20\%$ )

ENVIRONMENTAL:

OPERATING TEMPERATURE =  $-40^\circ C$  TO  $+85^\circ C$

SM	5	09.03.11	11173
NAME	ISS.	DATE	C/NOTE

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TOLERANCES

X. =  $\pm 1mm$

X.X =  $\pm 0.25mm$

X.XX =  $\pm 0.10mm$

X.XXX =  $\pm 0.01mm$

ANGLES =  $\pm 5^\circ$

UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH: SEE ABOVE

S/AREA:

TITLE: 2.54mm MIN. CENTRE  
TWO-PIECE SPRING PROBE

DRAWING NUMBER:

**P25-0822**

SHT

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# Mouser Electronics

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