

# Customer Information Sheet

DRAWING No.: P25-XX23

SHEET 2 OF 2

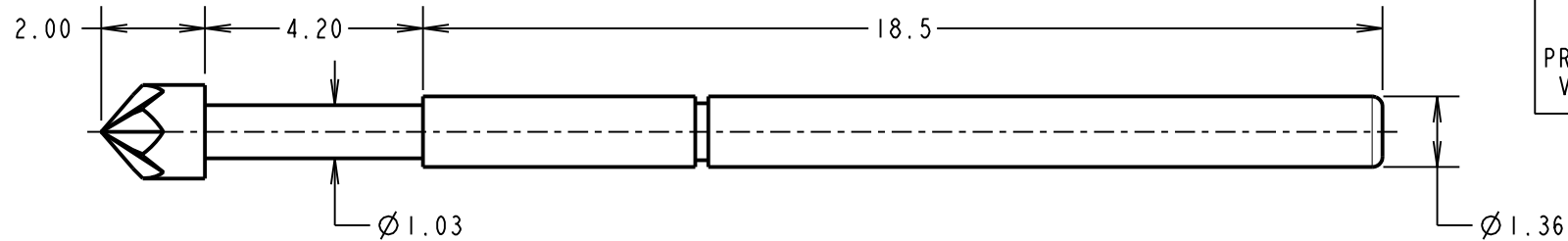
IF IN DOUBT - ASK

©

NOT TO SCALE


THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

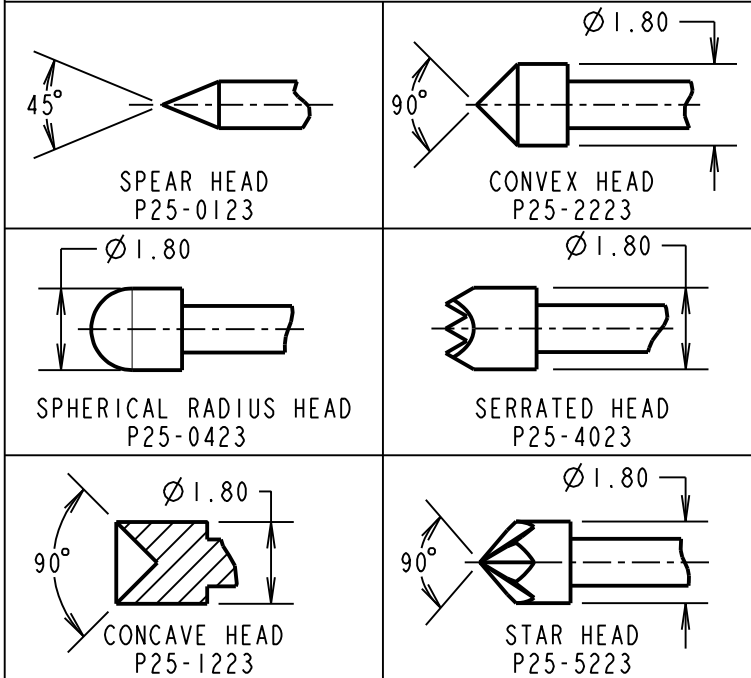


ORDER CODE:

**P25-XX23**

PROBE HEAD:   
VARIANT (SEE BELOW)

## PROBE HEAD VARIANTS



## NOTES:

- TO BE USED WITH SLEEVE S25-XX2.
- 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 = 50m $\Omega$  MAX AT 2/3 TRAVEL

### MECHANICAL:

DURABILITY = 100,000 CYCLES MIN  
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:

TEMPERATURE RANGE = -40°C TO +85°C

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NAME	ISS.	DATE	C/NOTE
APPROVED:		S.BENNETT	
CHECKED:		M.PLESTED	
DRAWN:		W.J.BOURNE	
CUSTOMER REF.:			
ASSEMBLY DRG:			

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## TOLERANCES

X. =  $\pm 1$ mm  
X.X =  $\pm 0.50$ mm  
X.XX =  $\pm 0.10$ mm  
X.XXX =  $\pm 0.01$ mm

ANGLES =  $\pm 5^\circ$

UNLESS STATED

## MATERIAL:

SEE ABOVE

FINISH: SEE ABOVE

S/AREA: mm<sup>2</sup>

## TITLE:

2.54mm MIN. CENTRE  
TWO-PIECE SPRING PROBE

## DRAWING NUMBER:

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SHT  
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