

# Customer Information Sheet

DRAWING No.: P25-XX23

SHEET 2 OF 2

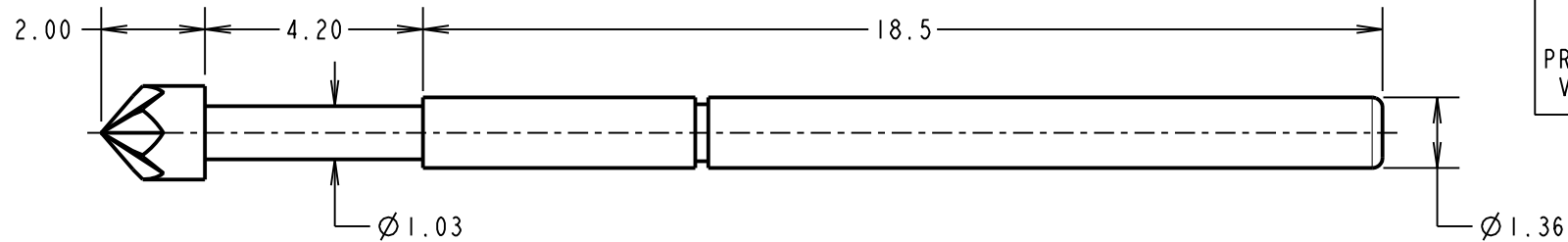
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

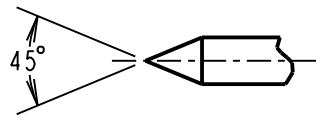


ORDER CODE:

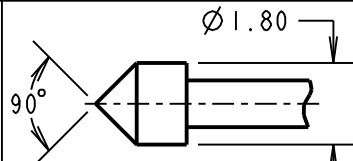
**P25-XX23**

PROBE HEAD: VARIANT (SEE BELOW)

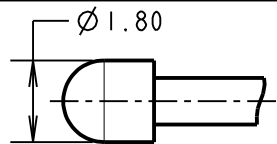
## PROBE HEAD VARIANTS



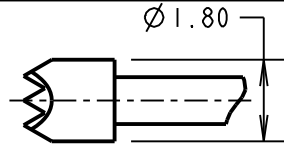
SPEAR HEAD  
P25-0123



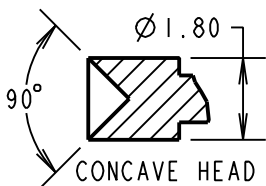
CONVEX HEAD  
P25-2223



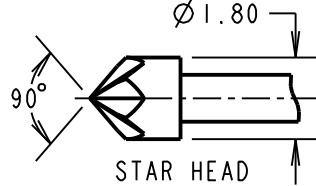
SPHERICAL RADIUS HEAD  
P25-0423



SERRATED HEAD  
P25-4023



CONCAVE HEAD  
P25-1223



STAR HEAD  
P25-5223

### NOTES:

1. TO BE USED WITH SLEEVE S25-XX2.
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 = 50mΩ MAX AT 2/3 TRAVEL

#### MECHANICAL:

DURABILITY = 100,000 CYCLES MIN  
FULL TRAVEL = 4.20mm

#### SPRING FORCES:

AT FULL TRAVEL = 1.47N ± 0.29N (150g ± 20%)  
AT 2/3 TRAVEL = 1.13N ± 0.23N (115g ± 20%)

#### ENVIRONMENTAL:

TEMPERATURE RANGE = -40°C TO +85°C

SB	7	27.05.15	12922
NAME	ISS.	DATE	C/NOTE
APPROVED:		S.BENNETT	
CHECKED:		M.PLESTED	
DRAWN:		W.J.BOURNE	
CUSTOMER REF.:			
ASSEMBLY DRG:			

# HARWIN

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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: mm<sup>2</sup>

### TITLE:

2.54mm MIN. CENTRE  
TWO-PIECE SPRING PROBE

### DRAWING NUMBER:

**P25-XX23**

SHT  
2 OF 2

# Mouser Electronics

Authorized Distributor

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