

Customer Information Sheet

DRAWING No.: P13-XX23

SHEET 2 OF 2

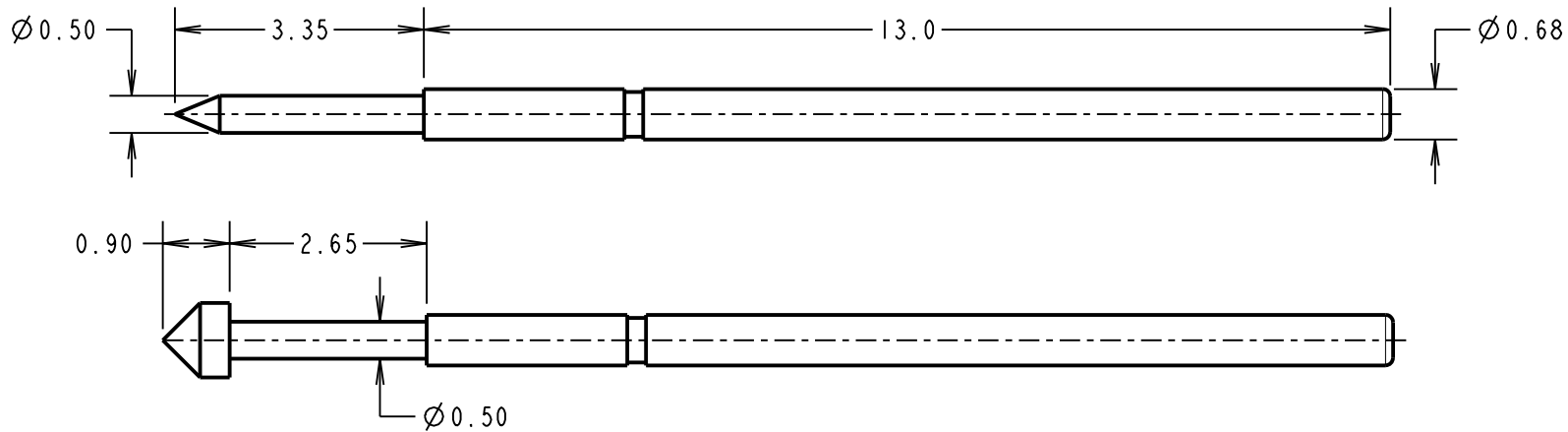
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

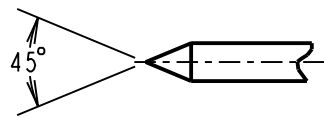


ORDER CODE
P13-XX23
PROBE HEAD
VARIANT (SEE TABLE)

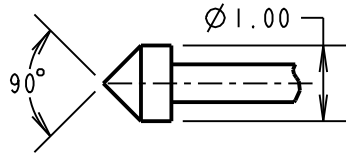
NOTES:

1. TO BE USED WITH SLEEVE S13-503.
2. SUITABLE FOR A MINIMUM DISTANCE BETWEEN CENTRES OF 1.27mm.

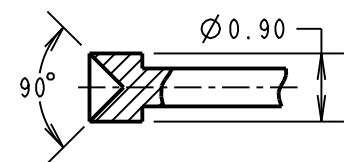
PROBE HEAD VARIANTS



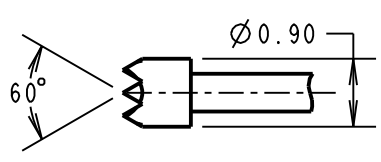
SPEAR HEAD
P13-0123



CONVEX HEAD
P13-2123



CONCAVE HEAD
P13-1123



SERRATED HEAD
P13-4023

SPECIFICATIONS:

MATERIAL:

PLUNGER = BERYLLIUM COPPER
BARREL = PHOSPHOR BRONZE
SPRING = MUSIC WIRE

FINISH:

PLUNGER, BARREL AND SPRING = GOLD

ELECTRICAL:

CURRENT RATING = 3A
CONTACT RESISTANCE = 30m Ω

MECHANICAL:

DURABILITY = 1,000,000 CYCLES
FULL TRAVEL = 2.65mm
SPRING FORCES:

AT FULL TRAVEL = 1.18N \pm 0.24N (120G \pm 20%)
AT 2/3 TRAVEL = 0.88N \pm 0.18N (90g \pm 20%)

ENVIRONMENTAL:

OPERATING TEMPERATURE = -40°C TO +85°C

SB	6	07.10.14	12618
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. = ± 1 mm
X.X = ± 0.25 mm
X.XX = ± 0.10 mm
X.XXX = ± 0.01 mm

ANGLES = $\pm 5^\circ$

UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH: SEE ABOVE

S/AREA: mm²

TITLE:

1.27mm MIN. CENTRE
TWO-PIECE SPRING PROBE

DRAWING NUMBER:

P13-XX23

SHT
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