

Customer Information Sheet

DRAWING No.: P13-XX23

SHEET 2 OF 2

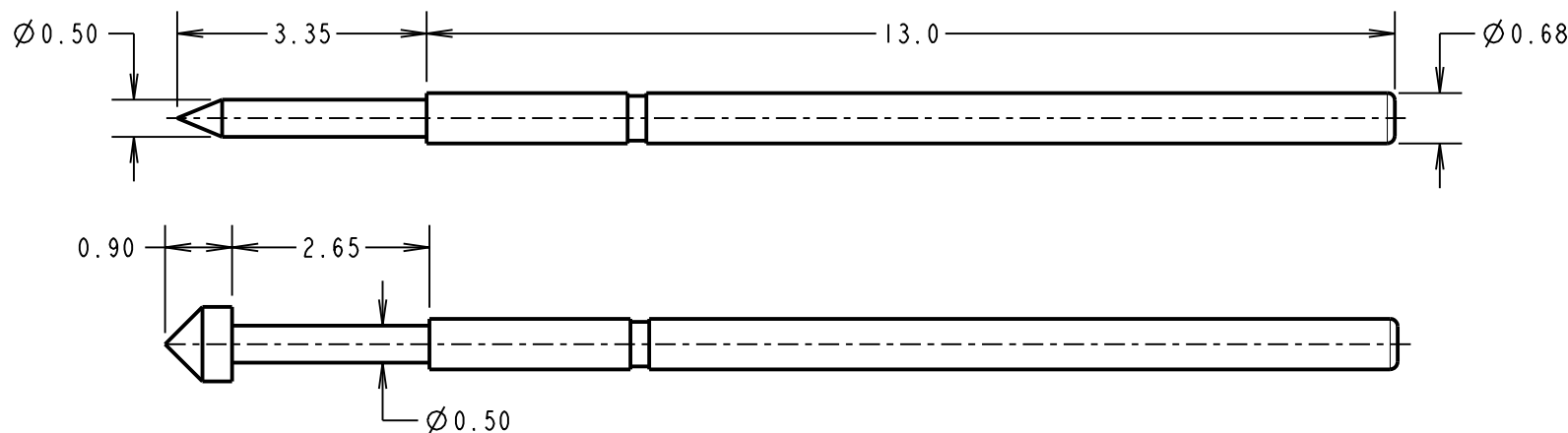
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



ORDER CODE

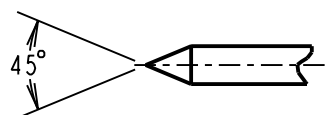
P13-XX23

PROBE HEAD
VARIANT (SEE TABLE)

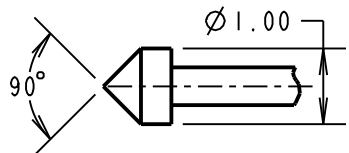
NOTES:

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

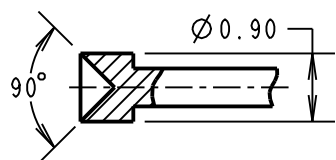
PROBE HEAD VARIANTS



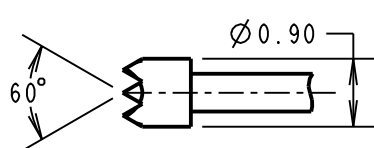
SPEAR HEAD
P13-0123



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 = 30mΩ

MECHANICAL:

DURABILITY = 1,000,000 CYCLES
FULL TRAVEL = 2.65mm
SPRING FORCES:
AT FULL TRAVEL = 1.18N ± 0.24N (120G ± 20%)
AT 2/3 TRAVEL = 0.88N ± 0.18N (90g ± 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. = ±1mm
X.X = ±0.25mm
X.XX = ±0.10mm
X.XXX = ±0.01mm

ANGLES = ±5°

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
2 OF 2

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Harwin:

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