

Customer Information Sheet

DRAWING No.: P13-XX23

SHEET 2 OF 2

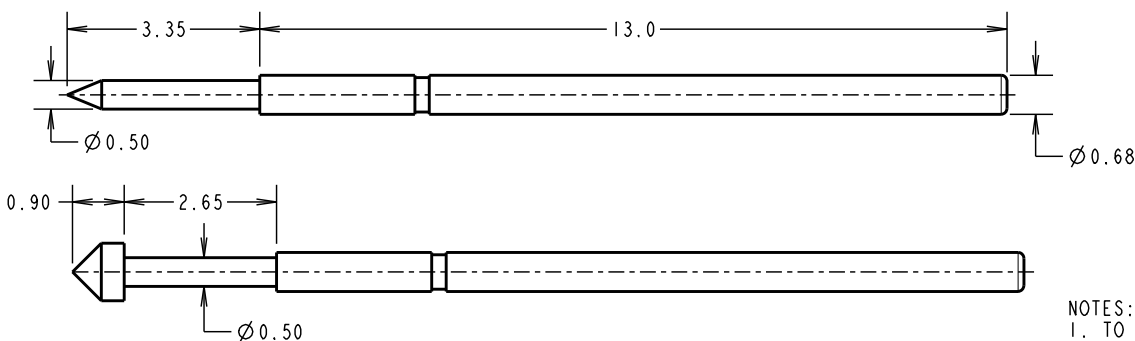
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

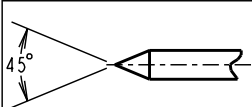
ALL DIMENSIONS IN mm



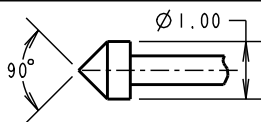
ORDER CODE:
P13-XX23
PROBE HEAD
VARIANT (SEE BELOW)

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

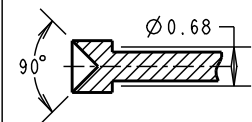
PROBE HEAD VARIANTS



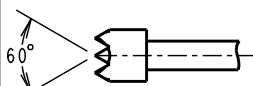
SPEAR HEAD
P13-0123



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 = 30 MILLIOHMS
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

SM	5	09.03.11	11173
NAME	ISS.	DATE	C/NOTE
APPROVED: S. MCCULLAGH			
CHECKED: R. ADDE			
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CUSTOMER REF.:			
ASSEMBLY DRG:			

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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
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