

Customer Information Sheet

DRAWING No.: P13-XX23

SHEET 2 OF 2

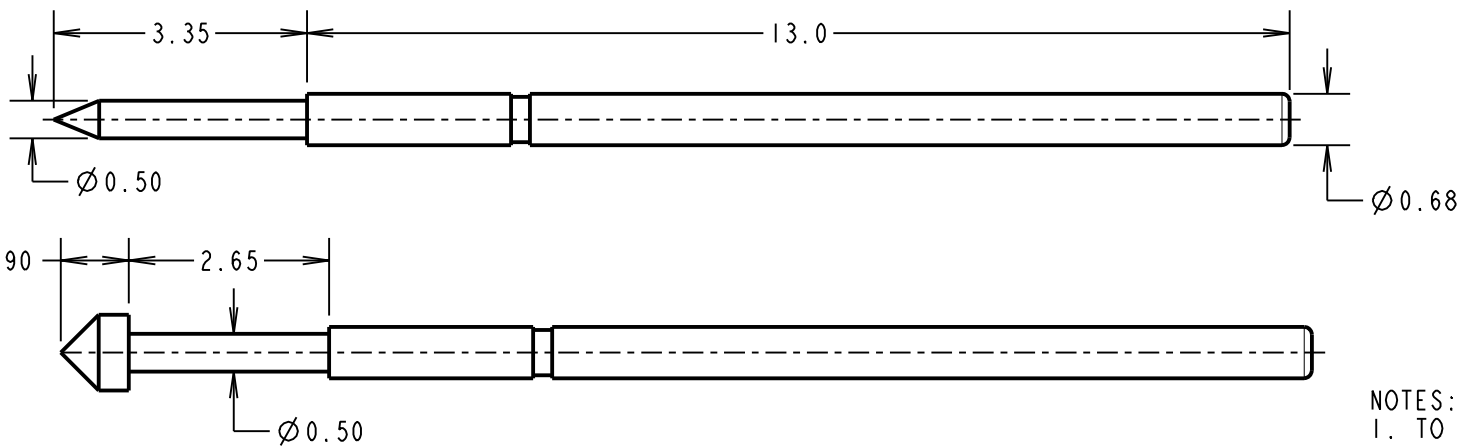
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

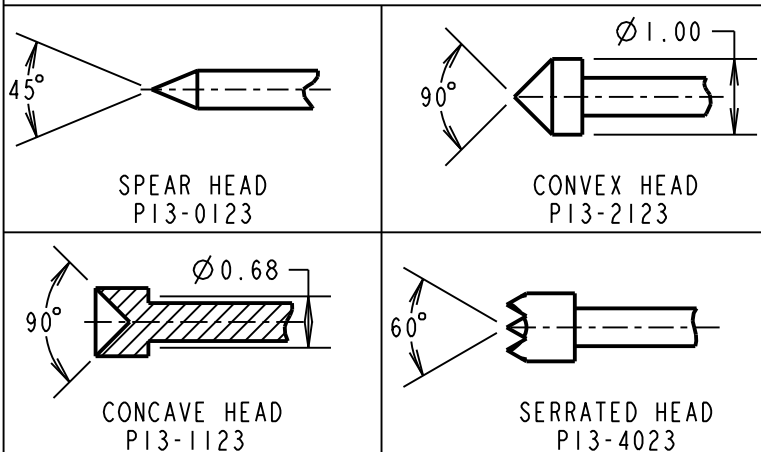
ALL DIMENSIONS IN mm



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



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 | | | |
| DRAWN: W. J. BOURNE | | | |
| 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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