

Customer Information Sheet

DRAWING No.: PI3-XX23

SHEET 2 OF 2

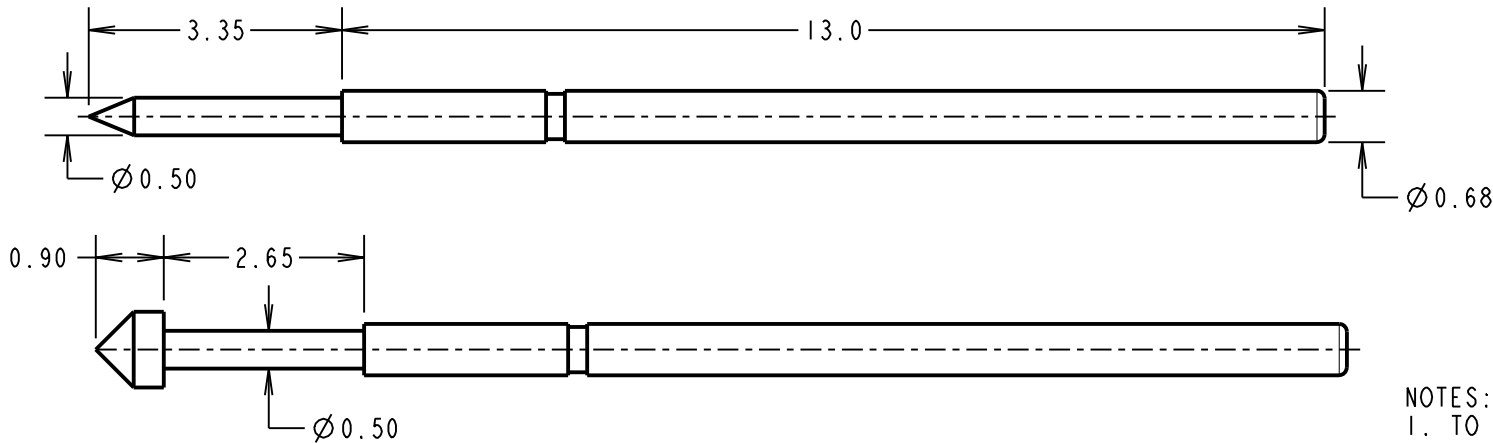
IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



ORDER CODE:

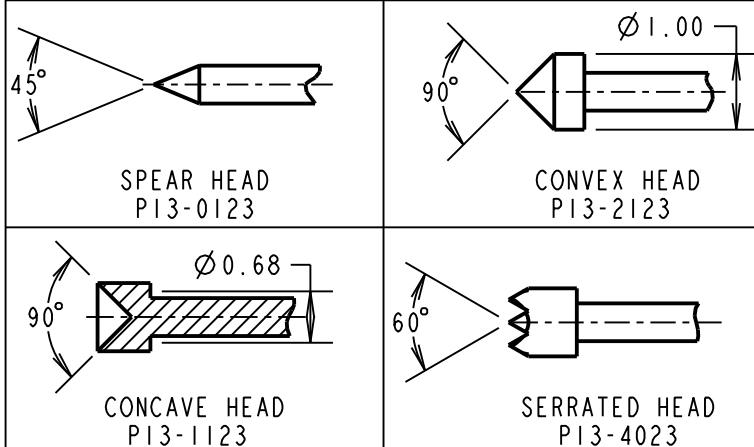
PI3-XX23

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

ENVIRONMENTAL:

OPERATING TEMPERATURE = $-40^{\circ}C$ TO $+85^{\circ}C$

SM	5	09.03.11	11173
NAME	ISS.	DATE	C/NOTE
APPROVED: S. MCCULLAGH			
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TOLERANCES

X. = $\pm 1mm$
X.X = $\pm 0.25mm$
X.XX = $\pm 0.10mm$
X.XXX = $\pm 0.01mm$

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:

PI3-XX23

SHT
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