

Customer Information Sheet

DRAWING No.: P19-XX21

SHEET 2 OF 2

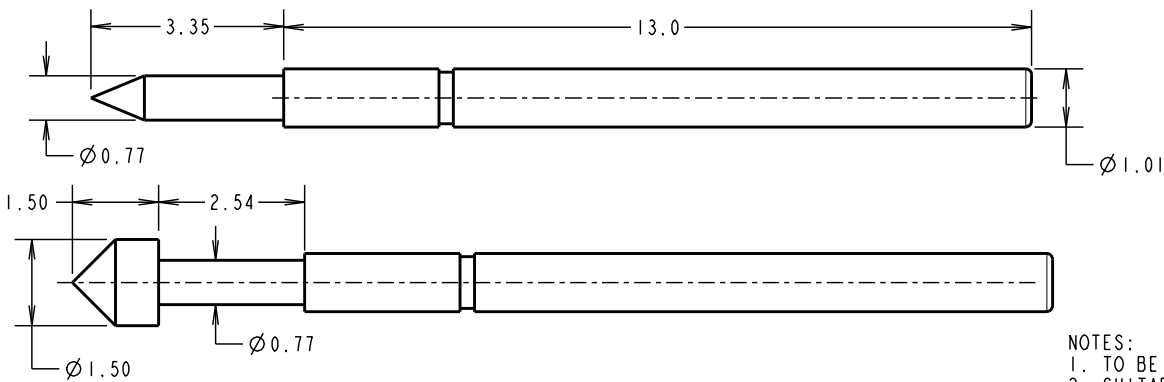
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

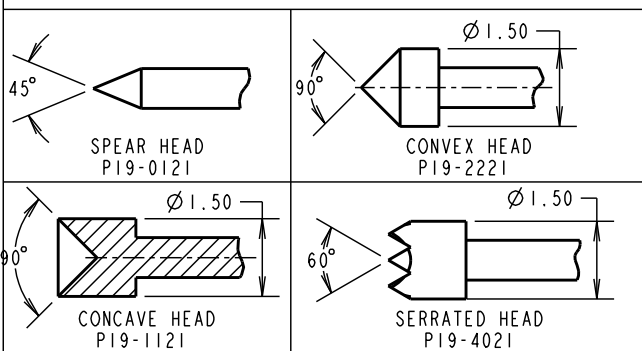
ALL DIMENSIONS IN mm



ORDER CODE:
P19-XX21
PROBE HEAD
VARIANT (SEE BELOW)

NOTES:
1. TO BE USED WITH SLEEVE S19-501.
2. SUITABLE FOR A MINIMUM DISTANCE BETWEEN CENTRES OF 1.90mm.

PROBE HEAD VARIANTS



SPECIFICATIONS:

MATERIAL:
PLUNGER = HEAT TREATED BERYLLIUM COPPER
BARREL = PHOSPHOR BRONZE
SPRING = STAINLESS STEEL
FINISH:
PLUNGER AND BARREL = GOLD
ELECTRICAL:
CURRENT RATING = 3A
CONTACT RESISTANCE = 30 MILLIOHMS
MECHANICAL:
DURABILITY = 1,000,000 CYCLES
FULL TRAVEL = 2.54mm
SPRING FORCES:
AT FULL TRAVEL = 1.26N±0.25N (128g ±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
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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:
1.90mm MIN. CENTRE
TWO-PIECE SPRING PROBE

DRAWING NUMBER:
P19-XX21

SHT
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