

Customer Information Sheet

DRAWING No.: P13-XX23

SHEET 2 OF 2

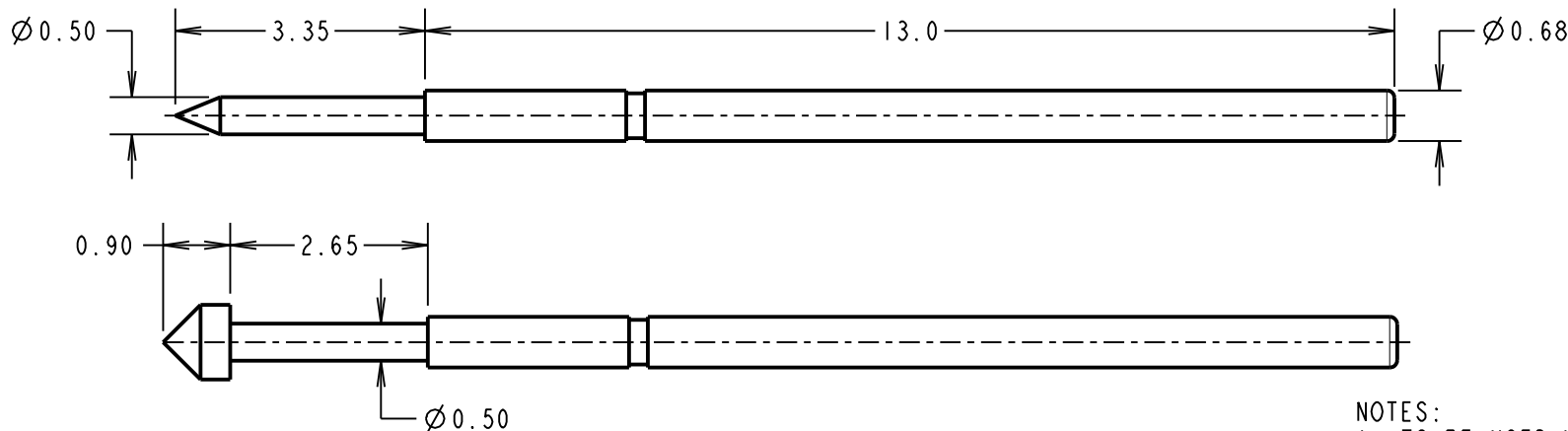
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



ORDER CODE
P13-XX23
PROBE HEAD
VARIANT (SEE TABLE)

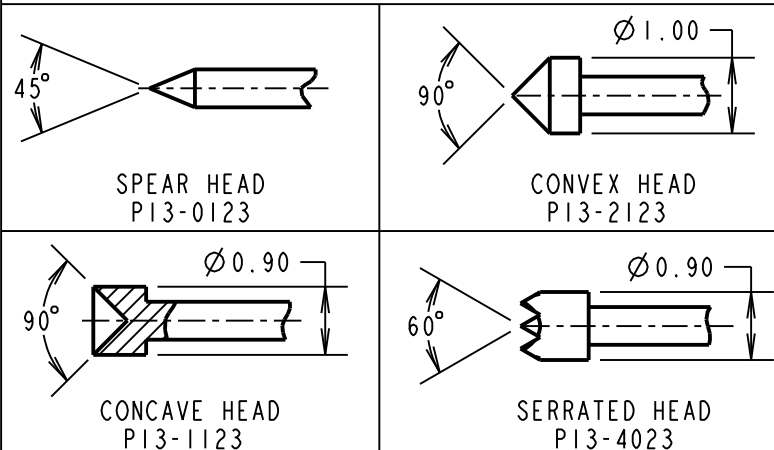
NOTES:

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

SPECIFICATIONS:

MATERIAL:
PLUNGER:
 P13-0123 = STEEL
 P13-1123, P13-2123 & P13-4023 = BERYLLIUM COPPER
BARREL = PHOSPHOR BRONZE
SPRING:
 P13-0123 = MUSIC WIRE
 P13-1123, P13-2123 & P13-4023 = STAINLESS STEEL
FINISH:
 PLUNGER, BARREL AND SPRING = GOLD
ELECTRICAL:
 CURRENT RATING = 1.5A
 CONTACT RESISTANCE = 100mΩ MAX AT 2/3 TRAVEL
MECHANICAL:
 DURABILITY = 100,000 CYCLES MIN
 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 +180°C

PROBE HEAD VARIANTS



MSP	7	21.07.17	20124
NAME	ISS.	DATE	C/NOTE
APPROVED:		M.PERREN	
CHECKED:		M.PLESTED	
DRAWN:		W.J.BOURNE	
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

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TOLERANCES
 X. = ±1mm
 X.X = ±0.50mm
 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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