

Customer Information Sheet

DRAWING No.: P13-XX23

SHEET 2 OF 2

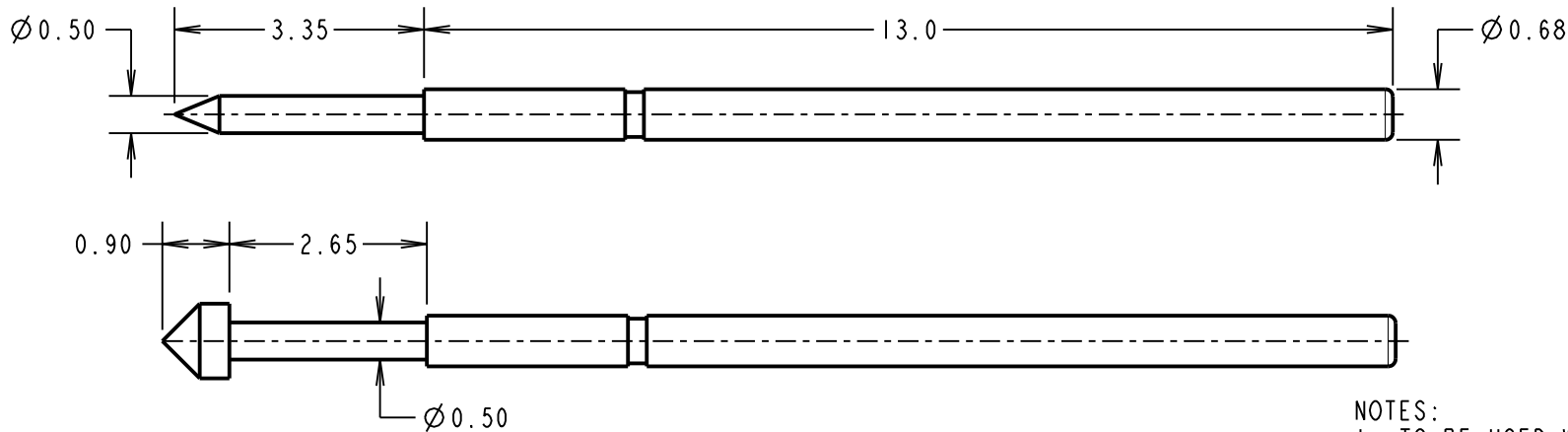
IF IN DOUBT - ASK

(C)

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:

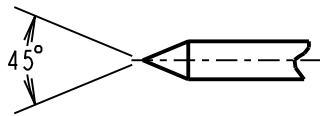
AT FULL TRAVEL = 1.18N ± 0.24N (120g ± 20%)

AT 2/3 TRAVEL = 0.88N ± 0.18N (90g ± 20%)

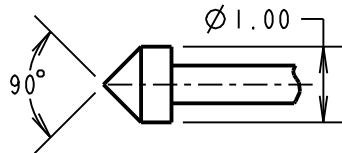
ENVIRONMENTAL:

OPERATING TEMPERATURE = -40°C TO +180°C

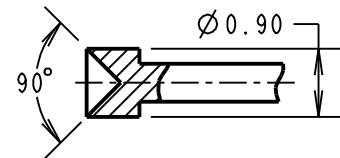
PROBE HEAD VARIANTS



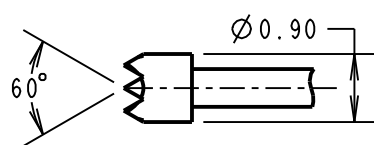
SPEAR HEAD
P13-0123



CONVEX HEAD
P13-2123



CONCAVE HEAD
P13-1123



SERRATED HEAD
P13-4023

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
2 OF 2

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