

Customer Information Sheet

DRAWING No.: P1113XX3

SHEET 2 OF 2

IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

SPECIFICATIONS:

MATERIAL:

PLUNGER = P1113CA3, P1113CV3 = BRASS
 P1113SS3 = HIGH CARBON STEEL

BARREL = BRASS
 SPRING = SPRING STEEL

FINISH:

PLUNGER = P1113CA3, P1113CV3 = 0.25µ MIN GOLD
 P1113SS3 = 2.00µ MIN NICKEL

BARREL = 0.25µ MIN GOLD
 SPRING = GOLD PLATED

ELECTRICAL:

CURRENT RATING = 2A MAX
 CONTACT RESISTANCE = 50mΩ MAX

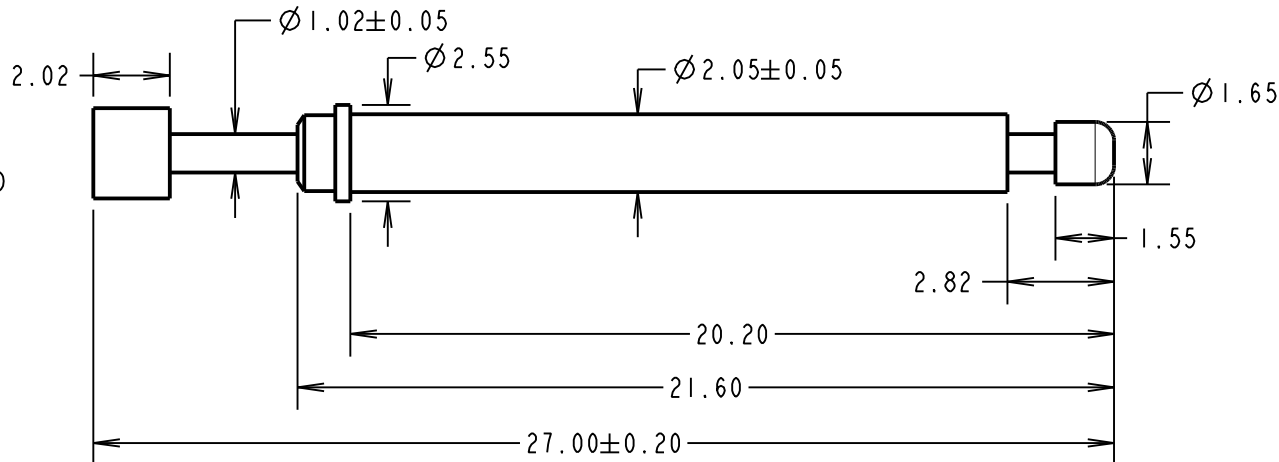
MECHANICAL:

DURABILITY = 1,000,000 CYCLES
 FULL TRAVEL = 3.18mm
 SPRING FORCE:

FULL TRAVEL = 0.75 ± 0.25N
 2.20mm TRAVEL = 0.54 ± 0.15N

ENVIRONMENTAL:

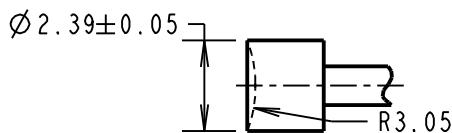
TEMPERATURE RANGE = -40°C TO +85°C



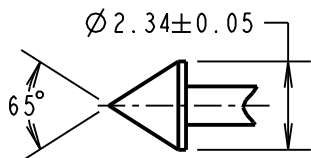
NOTES:

1. RECOMMENDED CLEARANCE HOLE SIZE = $\varnothing 2.20 \pm 0.05$ mm.
 RECOMMENDED INTERFERENCE HOLE SIZE = $\varnothing 2.00$ mm.
2. SUITABLE FOR A MINIMUM DISTANCE BETWEEN CENTRES OF 3.00mm.
3. THIS PART IS SIMILAR TO P1113XX2 APART FROM POWER RATING THAT WAS 5A MAX AND MATERIAL / FINISH OF SPRING AND PLUNGER VARIANT P1113SS3.

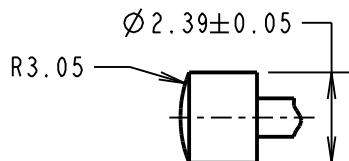
PROBE HEAD VARIANTS



CONCAVE RADIUS HEAD
P1113CA3



CONVEX HEAD
P1113SS3



CONVEX RADIUS HEAD
P1113CV3

ORDER CODE:
P1113XX3
 PROBE HEAD
 VARIANT (SEE BELOW)

MSP	5	18.01.16	13135
NAME	ISS.	DATE	C/NOTE
APPROVED: M. PERREN			
CHECKED: M. PLESTED			
DRAWN: M. G. PLESTED			
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:

3.00mm MIN. CENTRE
 ONE-PIECE SPRING PROBE

DRAWING NUMBER:

P1113XX3

SHT
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