

Customer Information Sheet

DRAWING No.: P70-5100045

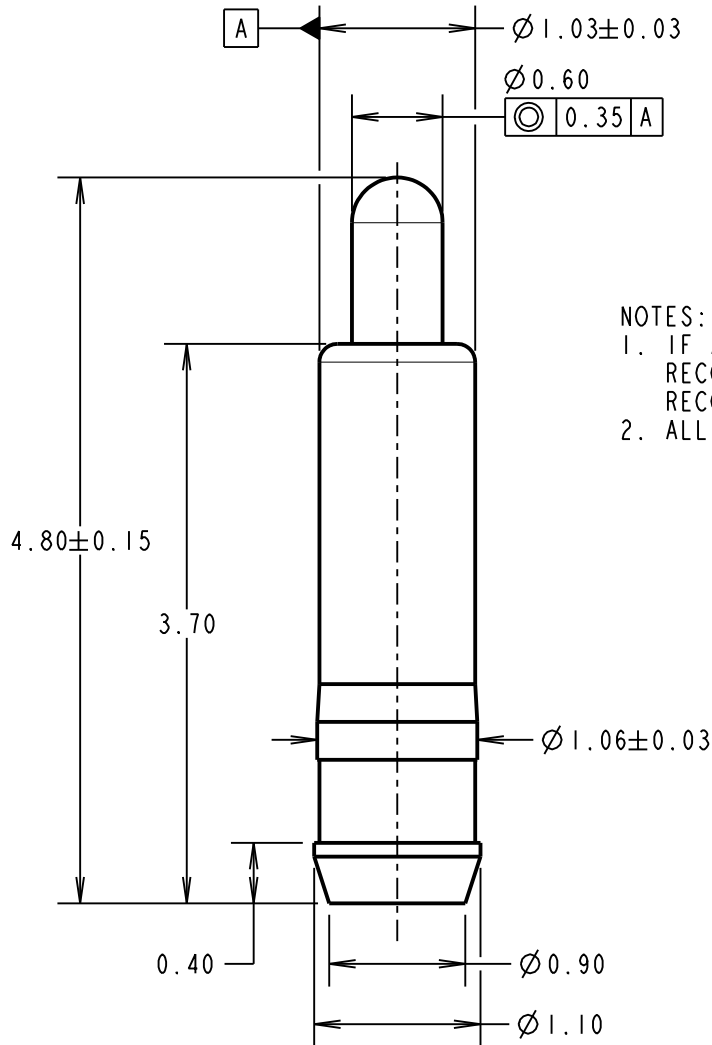
IF IN DOUBT - ASK

©

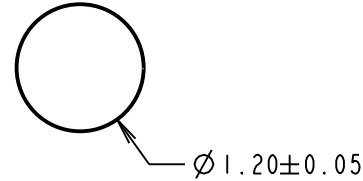
NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



RECOMMENDED PCB PAD LAYOUT



NOTES:

- IF ASSEMBLING PIN INTO MOULDING:
RECOMMENDED HOLE SIZE = $\varnothing 1.00$ MIN.
RECOMMENDED MATERIAL = GLASS FILLED PA46.
- ALL PRODUCTS ARE RoHS COMPLIANT.

SPECIFICATION:

MATERIAL:

BODY & PLUNGER = BRASS
SPRING = STAINLESS STEEL WIRE

PLATING:

BODY = $0.1 \mu\text{m}$ GOLD OVER $1.4 \mu\text{m}$ NICKEL
PLUNGER = $0.4 \mu\text{m}$ GOLD OVER $1.4 \mu\text{m}$ NICKEL

ELECTRICAL:

CONTACT RESISTANCE = $30\text{m}\Omega$ MAX
CURRENT RATING = 2.0A

MECHANICAL:

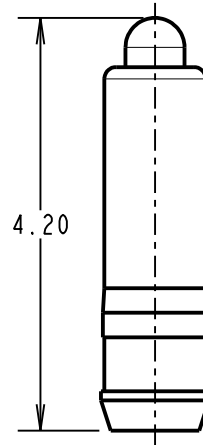
FORCE AT NORMAL HEIGHT = $0.98\text{N} \pm 0.29\text{N}$
DURABILITY = 10,000 CYCLES

ENVIRONMENTAL:

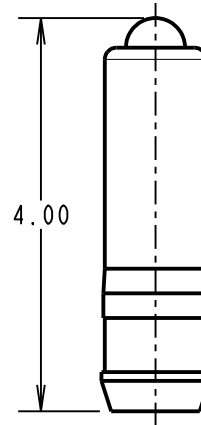
OPERATING TEMPERATURE = -40°C TO 85°C

PACKING:

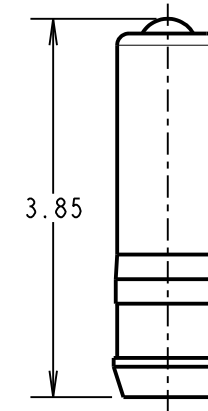
BAG



MAXIMUM WORKING HEIGHT



NORMAL WORKING HEIGHT



MINIMUM WORKING HEIGHT/MAX ALLOWED TRAVEL

RTP	2	04.06.21	30572
NAME	ISS.	DATE	CN/CO
APPROVED:		R.PORTLOCK	
CHECKED:		M.RUDKIN	
DRAWN:		S.BENNETT	
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

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TOLERANCES

X. = $\pm 1\text{mm}$
X.X = $\pm 0.50\text{mm}$
X.XX = $\pm 0.20\text{mm}$
X.XXX = $\pm 0.01\text{mm}$

ANGLES = $\pm 5^\circ$

UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH: SEE ABOVE

S/AREA: mm²

TITLE:

SMT SPRING LOADED POGO PIN

DRAWING NUMBER:

P70-5100045

SHT
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