

Customer Information Sheet

DRAWING No.: P70-5100045

SHEET 2 OF 2

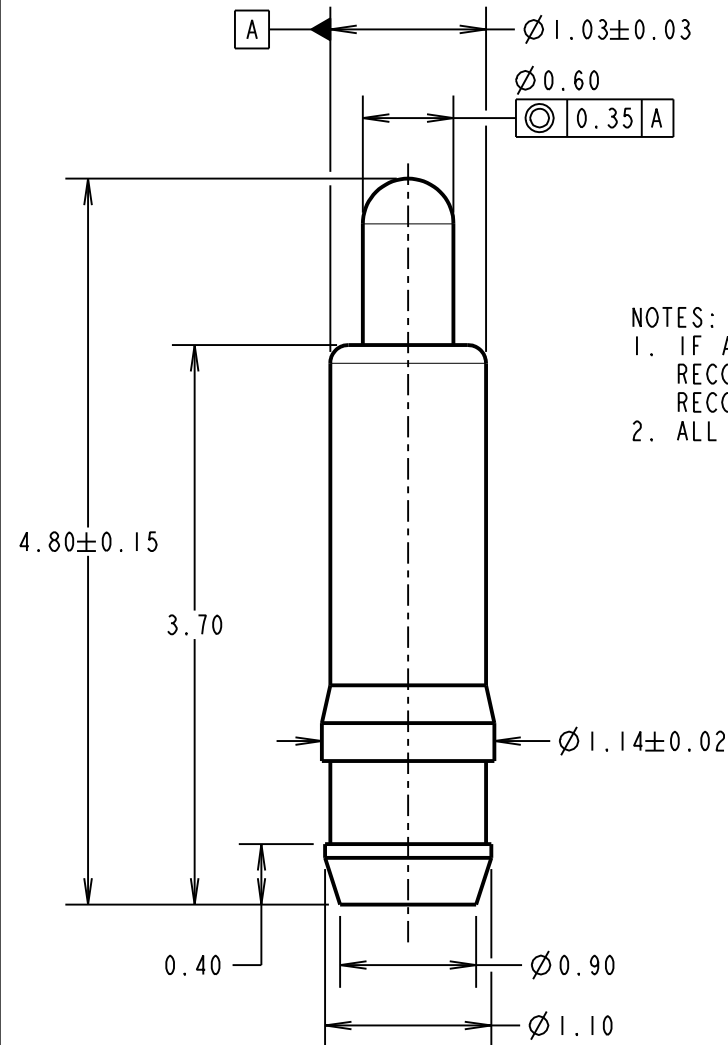
IF IN DOUBT - ASK

(C)

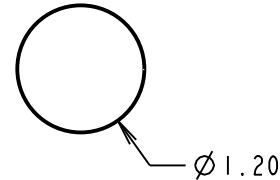
NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



RECOMMENDED PCB
PAD LAYOUT



NOTES:

- IF ASSEMBLING PIN INTO MOULDING:
RECOMMENDED HOLE SIZE = $\varnothing 1.09$ MIN.
RECOMMENDED MATERIAL = GLASS FILLED PA46.
- ALL PRODUCTS ARE RoHS COMPLIANT.

SPECIFICATION:

MATERIAL:

BODY & PLUNGER = BRASS

SPRING = STAINLESS STEEL WIRE

PLATING:

BODY = 0.1μ GOLD OVER 1.4μ NICKEL

PLUNGER = 0.4μ GOLD OVER 1.4μ NICKEL

ELECTRICAL:

CONTACT RESISTANCE = $30m\Omega$ MAX

CURRENT RATING = 2.0A

MECHANICAL:

FORCE AT NORMAL HEIGHT = $0.98N \pm 0.29N$

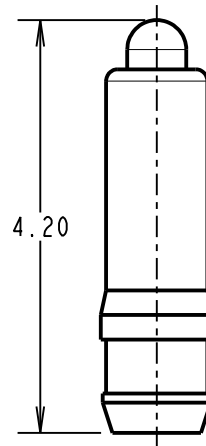
DURABILITY = 10,000 CYCLES

ENVIRONMENTAL:

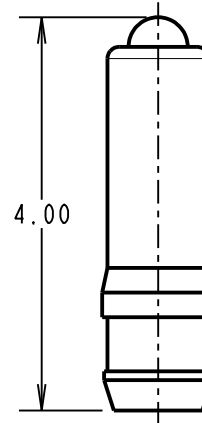
OPERATING TEMPERATURE = $-40^{\circ}C$ TO $85^{\circ}C$

PACKING:

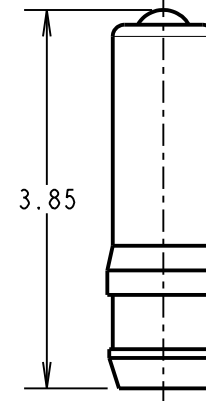
BAG



MAXIMUM WORKING
HEIGHT



NORMAL WORKING
HEIGHT



MINIMUM WORKING
HEIGHT/MAX
ALLOWED TRAVEL

SB	I	07.04.16	-----
NAME	ISS.	DATE	C/NOTE
APPROVED:		S.BENNETT	
CHECKED:		M.PLESTED	
DRAWN:		S.BENNETT	
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

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DISCLOSED, LOANED, COPIED
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OTHER PURPOSE WITHOUT
THEIR WRITTEN PERMISSION.

TOLERANCES

X. = $\pm 1mm$
X.X = $\pm 0.50mm$
X.XX = $\pm 0.10mm$
X.XXX = $\pm 0.01mm$

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
2 OF 2

Mouser Electronics

Authorized Distributor

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Harwin:

P70-5100045