

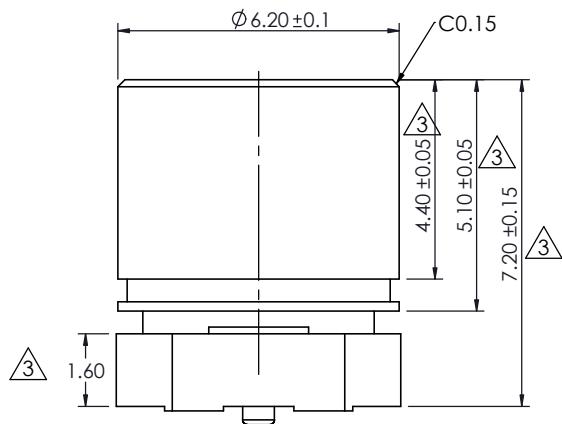
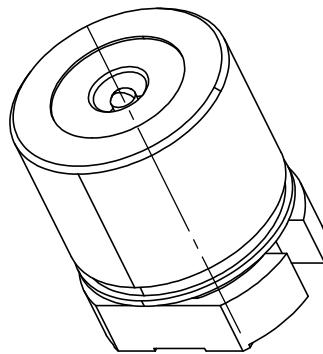
TOLERANCE UNLESS OTHERWISE SPECIFIED	
.X	±0.15
XX	±0.15

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ISSUE NUMBER

ORIGINAL	1
ADD NOTE 6 & 7	
P.M.	AUG. 9/2023
DIMENSIONS UPDATED	
V.K.	AUG. 08/2025
	3



#### SPECIFICATION:

##### 1- MATERIAL:

CONTACT: BRASS, GOLD FLASH PLATING ALL OVER NICKEL UNDERPLATING  
SPRING: SUS  
MAGNET : N52  
PCB: FR4

##### 2- ELECTRICAL:

VOLTAGE RATING (PER CONTACT): 5V  
CURRENT RATING (PER CONTACT): 1.5A

3- WORKING STROKE & FORCE: STROKE 0.8mm (PER CONTACT): 60gf MAX.

4- MECHANICAL LIFE: 10,000 CYCLE MIN.

5- WORKING TEMPERATURE RANGE: -30°C~+85°C.

6- RECOMMENDED SOLDERING PROCESS ARE SELECTIVE SOLDERING OR MANUAL SOLDERING. OTHER FORMS OF SOLDERING SUCH AS WAVE SOLDER OR REFLOW SOLDER ARE NOT RECOMMENDED AND CAN POTENTIALLY CAUSE DEMAGNETIZATION OF MAGNET IN THE CONNECTOR

7- MATING WITH: 686B02222030B1E

<b>MAGNETIC SPRING LOADED CONNECTOR, 2 POS, FEMALE</b>	ACAD REFERENCE NO.: 686B02C2P001B0E		UNIT: MM
	DRAWN:	J.L.	DATE: 3/13/2023
CHECKED: R.S.M		DATE: 8/8/2025	
SCALE:	6:1	SHEET	1 OF 1
DRAWING NUMBER:	686B02C2P001B0E	ISSUE	
PART NUMBER:	686B02C2P001B0E		3



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TORONTO, ONTARIO  
CANADA

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