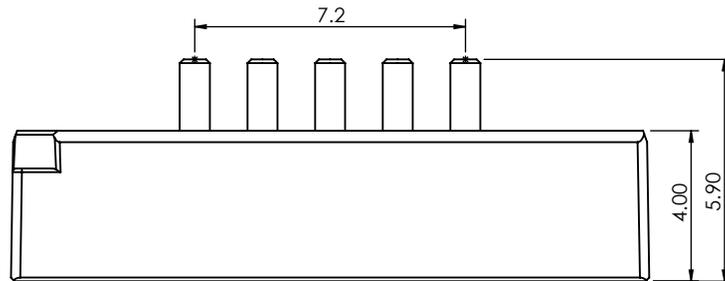
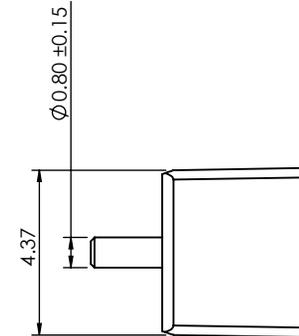
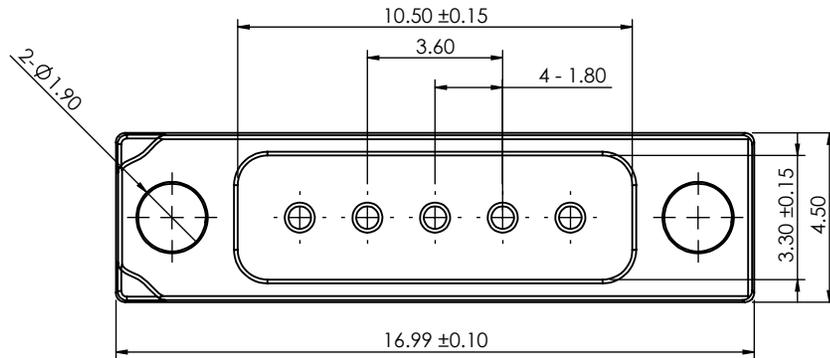


| TOLERANCE<br>UNLESS OTHERWISE<br>SPECIFIED |       |
|--|-------|
| .X   | ±0.10 |
| .XX  | ±0.05 |

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| ISSUE NUMBER   |                |
|----------------|----------------|
| ORIGINAL       | ①              |
| ADD NOTE 5 & 6 |                |
| P.M.           | AUG. 11/2023 ② |



**SPECIFICATION:**

- 1- MATERIAL:  
CONTACT: BRASS GOLD FLASH PLATING ALL OVER NICKEL UNDERPLATING  
HOUSING : ABS, BLACK
- 2- ELECTRICAL:  
RATED VOLTAGE (PER CONTACT): 12V  
RATED CURRENT (PER CONTACT): 2A  
INSULATION RESISTANCE: 100MEGAOHMS MINIMUM  
DIELECTRIC WITHSTANDING VOLTAGE: 100VRMS AT 60Hz  
CONTACT RESISTANCE: 30mOHMS MAXIMUM BEFORE TEST AND  
60mOHMS MAXIMUM AFTER TEST AT POGO PIN WORKING STROKE
- 3- MECHANICAL LIFE: 30,000 CYCLES MIN.
- 4- WORKING TEMPERATURE RANGE: -30° C~+85° C
- 5- 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
- 6- MATING WITH: 687B0521010120E



THIS SERIES FULLY CONFORMS TO  
THE EUROPEAN UNION DIRECTIVES  
2011/65/EU FOR RoHS COMPLIANCY.



YOUR CONNECTION TO QUALITY & SERVICE

EDAC INC  
TORONTO, ONTARIO  
CANADA

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WITHOUT WRITTEN PERMISSION.

|   |                                     |                 |
|---|-------------------------------------|-----------------|
| <b>MAGNETIC SPRING LOADED CONNECTOR,<br/>5POS, FEMALE</b> | ACAD REFERENCE NO.: 686B0521410117E | UNIT: MM        |
|   | DRAWN: J.L.                         | DATE: 8/11/2023 |
|   | CHECKED: R.S.M                      | DATE: 8/11/2023 |
|   | SCALE: (IN CAD 1:1)                 | SHEET 1 OF 1    |
|   | DRAWING NUMBER: 686B0521410117E     | ISSUE           |
|   | PART NUMBER: 686B0521410117E        | 2               |