

TOLERANCE
UNLESS OTHERWISE
SPECIFIED

.X	±0.15
.XX	±0.10

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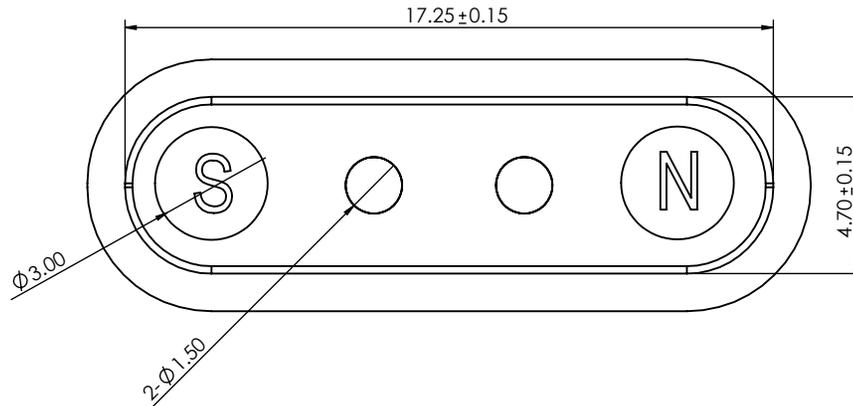
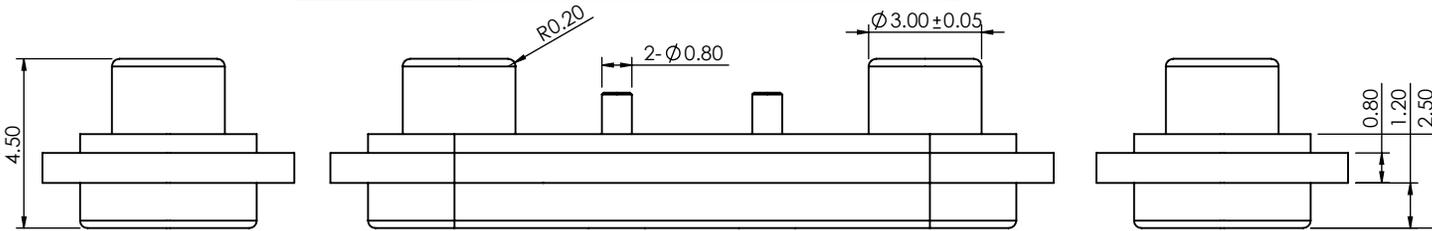
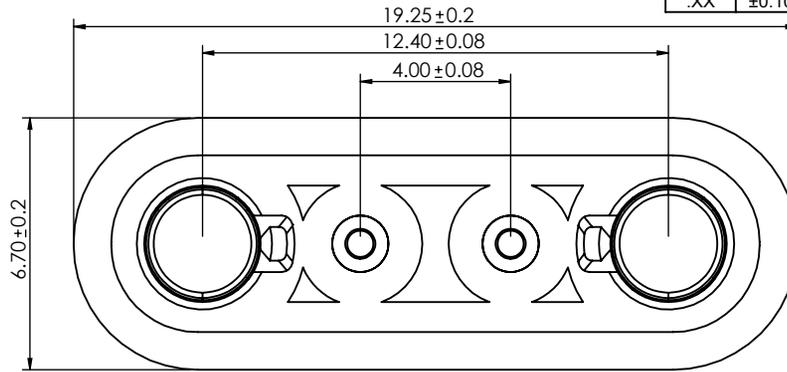


ISSUE NUMBER

ORIGINAL ①

ADD MOTE 6 & 7

P.M. AUG. 11/2023 ②



SPECIFICATION:

- 1- MATERIAL:
CONTACT: BRASS, GOLD FLASH PLATING ALL OVER NICKEL UNDERPLATING
HOUSING : PA9T, WHITE
MAGNET : N52
- 2- ELECTRICAL:
RATED VOLTAGE (PER CONTACT): 5V
RATED CURRENT (PER CONTACT): 2A
INSULATION RESISTANCE: 100MEGAOHMS MIN.
DIELECTRIC WITHSTANDING VOLTAGE: 100V AT 60HZ.
- 3- MECHANICAL:
DURABILITY: 10,000 CYCLES
PIN STRENGTH: 9.8N MIN.
PIN PULLING OFF FORCE: 4.9N MIN.
- 4- SOLDERABILITY:
RECOMMENDED IR-REFLOW (WAVE SOLDERING) TEMPERATURE 260°C
- 5- WORKING TEMPERATURE RANGE: -30~+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: 685L022221110E

MAGNETIC SPRING LOADED CONNECTOR,
2POS, FEMALE

ACAD REFERENCE NO.: 686L0222210010E 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: 686L0222210010E ISSUE

PART NUMBER: 686L0222210010E 2



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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