

TOLERANCE
UNLESS OTHERWISE
SPECIFIED

.X	±0.15
.XX	±0.10

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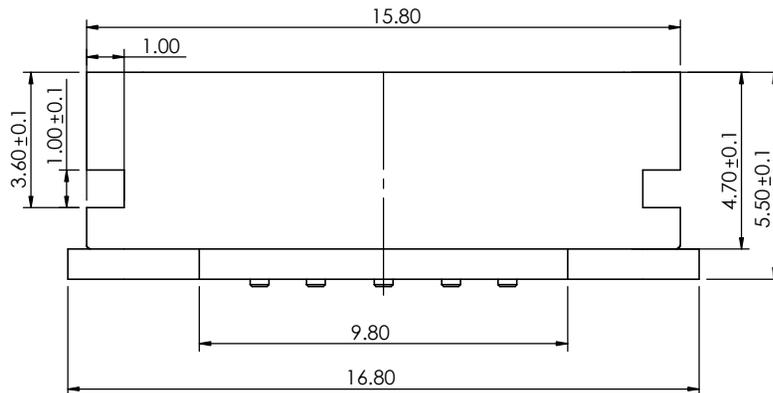
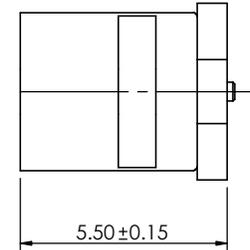
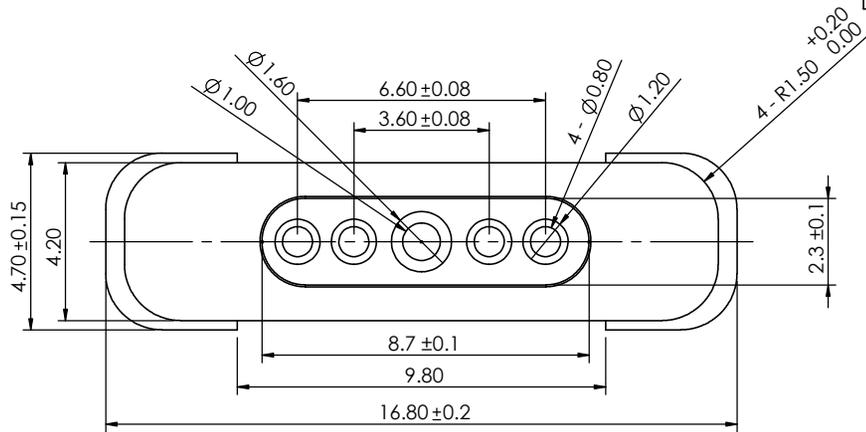


ISSUE NUMBER

ORIGINAL ①

ADD NOTE 6 & 7

P.M. AUG. 13/2023 ②



SPECIFICATION:

1- MATERIAL:

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

2- ELECTRICAL:

RATED VOLTAGE (PER CONTACT): 12V
RATED CURRENT (PER CONTACT): 2A
INSULATION RESISTANCE: 100MEGAOHMS MIN.
DIELECTRIC WITHSTAND VOLTAGE: 100V AT 60Hz
CONTACT RESISTANCE: 30mOHMS MAX. BEFORE TEST AND 60mOHMS MAX. AFTER TEST

3- RECOMMENDED WORKING STROKE & FORCE:

STROKE 1.0MM (PER CONTACT): 50gf±20gf
STROKE 0.8MM (PER CONTACT): 40gf±20gf
STROKE 0.7MM (PER CONTACT): 30gf±20gf

4- MECHANICAL LIFE: 30,000 CYCLES MIN.

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: MATING WITH: 686G0524250123E, 686G0524250113E OR 686G0524350125E



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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MAGNETIC SPRING LOADED CONNECTOR,
4POS, MALE

ACAD REFERENCE NO.: 685G0524P50110E UNIT: MM

DRAWN: J.L. DATE: 8/23/2023

CHECKED: R.S.M DATE: 8/23/2023

SCALE: (IN CAD 1:1) SHEET 1 OF 1

DRAWING NUMBER: 685G0524P50110E ISSUE

PART NUMBER: 685G0524P50110E 2