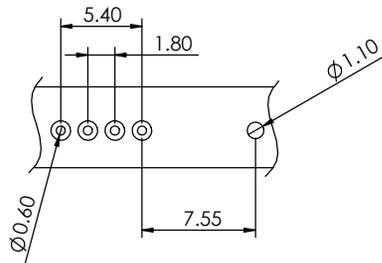
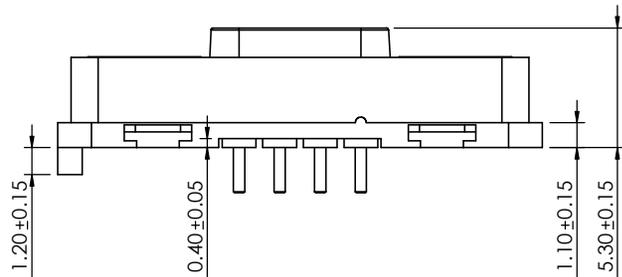
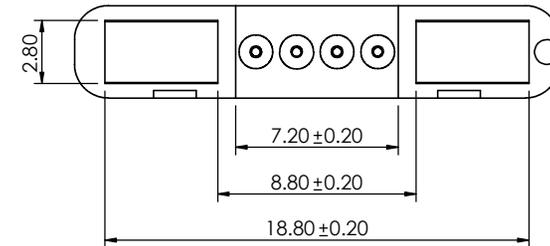
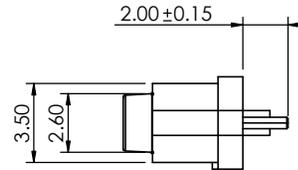
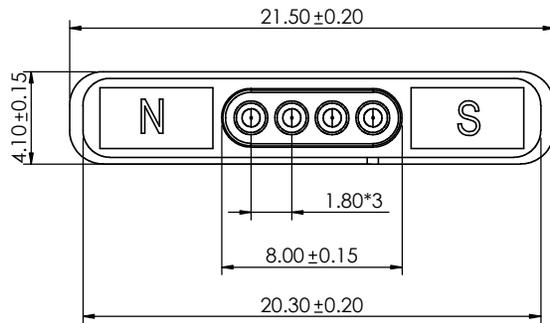


TOLERANCE UNLESS OTHERWISE SPECIFIED	
.X	±0.15
.XX	±0.10

THIS IS A C.A.D. GENERATED DRAWING  
DO NOT MAKE MANUAL REVISIONS TO MASTER.



ISSUE NUMBER	
ORIGINAL	①
ADD NOTE 4 & 5	
P.M. AUG. 13/2023	②
DELETE DIM 7.50, Ø1.10, ØØ.50X(X4) & DELETE NOTE 3	③
L.K. AUG. 18/2023	



PCB LAYOUT

SPECIFICATION:

1- MATERIAL:

CONTACT: BRASS, GOLD FLASH PLATING ALL OVER NICKEL UNDERPLATING  
HOUSING : PA46, BLACK  
MAGNET: N52

2- ELECTRICAL:

RATED VOLTAGE (PER CONTACT): 5V  
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

WORKING TEMPERATURE RANGE: -30~+85°C.

GAUSS: 3800±400GS

3- 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

4- MATING WITH: 686L0421350120E



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.

MAGNETIC SPRING LOADED CONNECTOR,  
4POS, MALE

ACAD REFERENCE NO.:	685L0421250110E	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:	685L0421250110E	ISSUE
PART NUMBER:	685L0421250110E	3