

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.



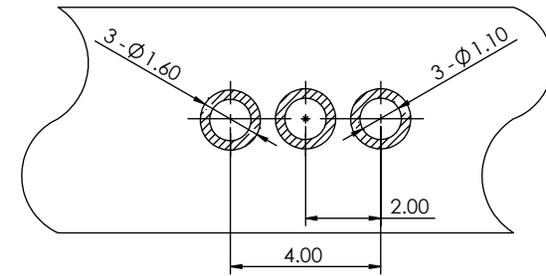
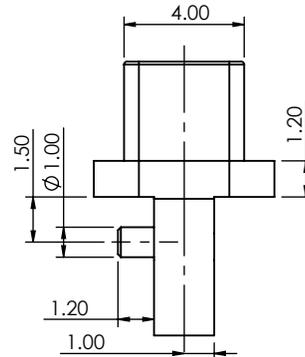
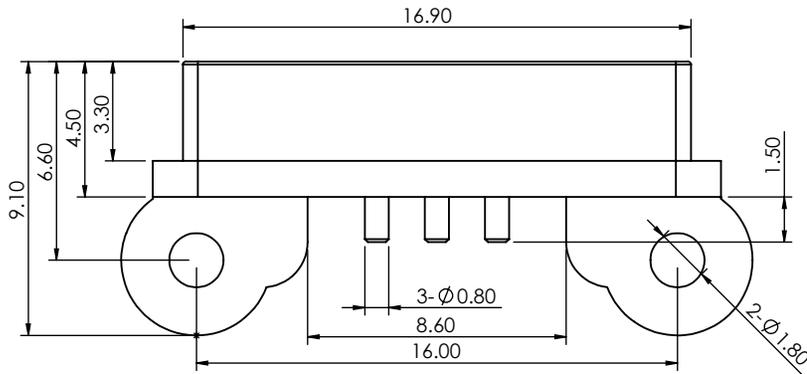
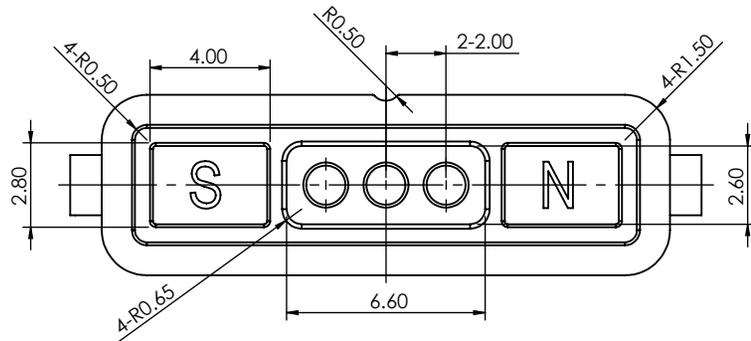
ISSUE NUMBER	
ORIGINAL	①
ADD NOTE 3 & 4	
P.M.	AUG. 12/2023 ②

SPECIFICATION:

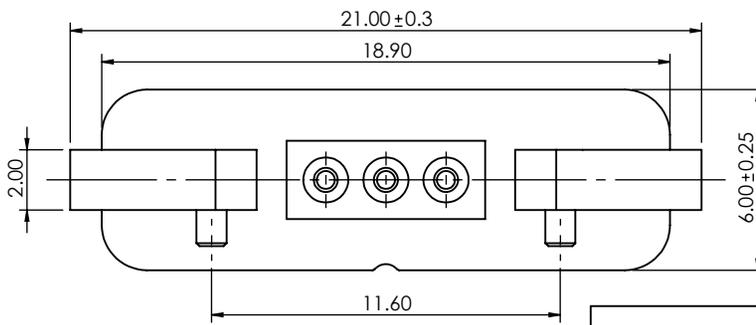
- 1- MATERIAL:  
CONTACT: BRASS, GOLD FLASH PLATING ALL OVER NICKEL UNDERPLATING  
HOUSING : PA46, BLACK  
MAGNET : N52
- 2- ELECTRICAL:  
RATED VOLTAGE (PER CONTACT): 5V  
RATED CURRENT (PER CONTACT): 2A  
INSULATION RESISTANCE: 100MEGAOHMS MIN.  
DIELECTRIC WITHSTANDING VOLTAGE: 100V AT 60Hz.  
CONTACT RESISTANCE: 30mOHMS MAX. BEFORE TEST AND 60mOHMS MAX.  
AFTER TEST POGO PIN WORKING STROKE.

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: 687F0321A51110E, 685F0321251110E, 685F0321351124E, 685F0321351120E, 685F0321251124E OR 685F0321451110E



RECOMMENDED P.C.B. LAYOUT (T:1.2mm)  
TOLERANCE UNSPECIFIED ±0.05mm



MAGNETIC SPRING LOADED CONNECTOR,  
3POS, FEMALE

ACAD REFERENCE NO.:	686F0321250124E	UNIT: MM
DRAWN:	J.L.	DATE: 8/12/2023
CHECKED:	R.S.M	DATE: 8/12/2023
SCALE:	(IN CAD 1:1)	SHEET 1 OF 1
DRAWING NUMBER:	686F0321250124E	ISSUE
PART NUMBER:	686F0321250124E	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

THESE DRAWINGS AND SPECIFICATIONS  
ARE THE PROPERTY OF EDAC INC., AND  
SHALL NOT BE REPRODUCED, OR COPIED  
OR USED AS THE BASIS FOR THE  
MANUFACTURE OR SALE OF APPARATUS  
WITHOUT WRITTEN PERMISSION.