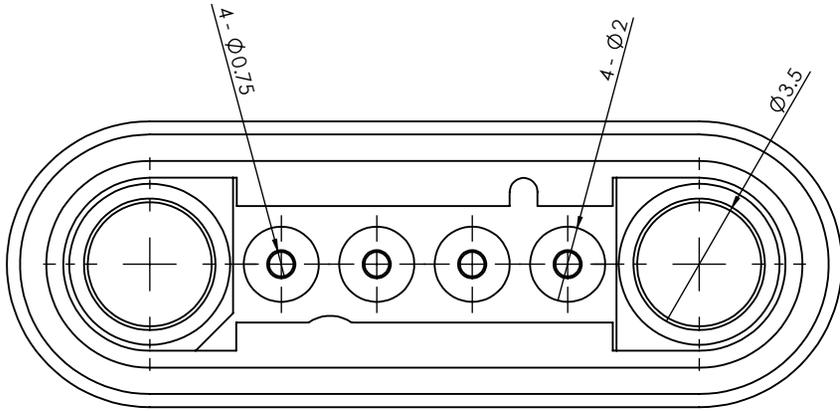


TOLERANCE UNLESS OTHERWISE SPECIFIED	
.X	±0.15
.XX	±0.10

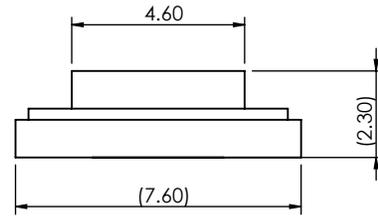
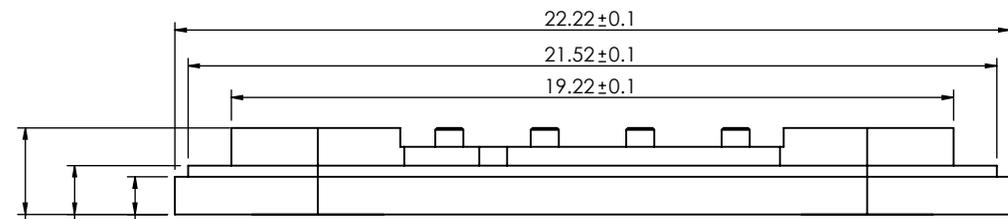
THIS IS A C.A.D. GENERATED DRAWING  
DO NOT MAKE MANUAL REVISIONS TO MASTER.



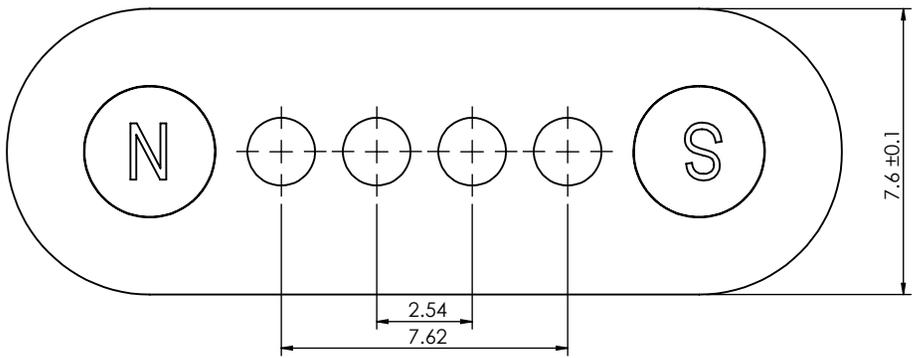
ISSUE NUMBER	
ORIGINAL	①
ADD NOTE 4 & 5	
P.M.	AUG. 13/2023 ②



- SPECIFICATION:
- MATERIAL:
    - CONTACT: BRASS GOLD FLASH PLATING ALL OVER NICKEL UNDERPLATING
    - HOUSING: PA46 BLACK
    - MAGNET: N52
    - WATERPROOF LEVEL: 5 ATM WATERPROOF
  - ELECTRICAL:
    - RATED VOLTAGE (PER CONTACT): 5V
    - RATED CURRENT (PER CONTACT): 2A
    - INSULATION RESISTANCE: 100MEGAOHMS MINIMUM
    - CONTACT RESISTANCE: 30mOHMS MAXIMUM BEFORE TEST AND 60mOHMS MAXIMUM AFTER TEST AT PIN WORKING STROKE
  - WORKING TEMPERATURE RANGE: -30~±85° C
  - 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
  - MATING WITH: 687E0421A510208



2.3 ±0.1  
+0.05  
1.3 -0.10  
+0.05  
1.00 -0.10



MAGNETIC SPRING LOADED CONNECTOR,  
4POS, FEMALE

ACAD REFERENCE NO.:	686E0423250110E	UNIT: MM
DRAWN:	J.L.	DATE: 8/13/2023
CHECKED:	R.S.M	DATE: 8/13/2023
SCALE:	(IN CAD 1:1)	SHEET 1 OF 1
DRAWING NUMBER:	686E0423250110E	ISSUE
PART NUMBER:	686E0423250110E	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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