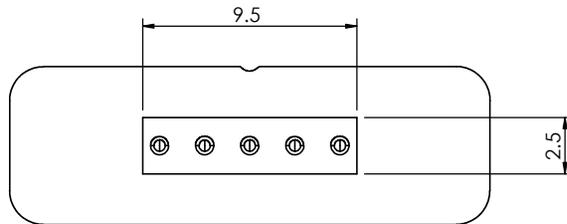
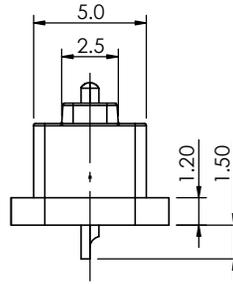
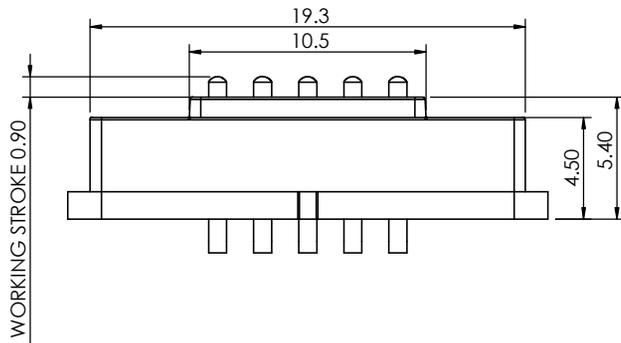
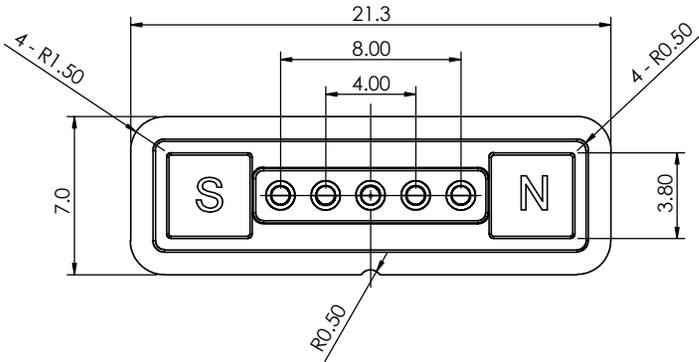


TOLERANCE UNLESS OTHERWISE SPECIFIED	
.X	±0.15
.XX	±0.10

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ISSUE NUMBER	
ORIGINAL	①
ADD NOTE 7 & 8	
P.M.	AUG. 13/2023 ②
REVISE NOTE 1	
L.K.	AUG. 18/2023 ③



**SPECIFICATION:**

**1- MATERIAL:**

CONTACT: BRASS, GOLD FLASH PLATING ALL OVER NICKEL UNDERPLATING  
HOUSING: PA9T, 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

**3- WORKING STROKE SINGLE PIN: PRESS STROKE 0.9mm (PER CONTACT) 30gfMAX.**

**4- SALT SPRAY TEST: 5% SALT SPRAY CONCENTRATION, TEMPERATURE 35°C, TEST TIME 48 HOURS, NO CORROSION.**

**5- MECHANICAL LIFE: 10,000 CYCLES MIN.**

**6- WORKING TEMPERATURE RANGE: -30~+85°C.**

7- 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

8- MATING WITH: 686J0521250124E, 686J0521350124E, 686J0521450110E, 686J0521350110E OR 686J0521250110E



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,  
5POS, MALE**

ACAD REFERENCE NO.:	685J0521451110E	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:	685J0521451110E	ISSUE
PART NUMBER:	685J0521451110E	3