



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 6 & 7	
P.M. AUG. 13/2023	②
REVISE NOTE & DELETE NOTE 4, 9.23 WAS 8.70	
L.K. AUG. 18/2023	③

SPECIFICATION:

- 1- MATERIAL:
CONTACT: BRASS, GOLD FLASH PLATING ALL OVER NICKEL UNDERPLATING
HOUSING : PA9T, BLACK
SPRING: SUS304
MAGNET: N52
- 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.
- 3- RECOMMENDED WORKING STROKE & FORCE:
STROKE 1.05MM (PER CONTACT): 50gf±20gf
STROKE 0.95MM (PER CONTACT): 45gf±20gf
- 4- WORKING TEMPERATURE RANGE: -30~+85°C.
- 5- 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
- 6- MATING WITH: 686C0731210123E



**MAGNETIC SPRING LOADED CONNECTOR,
7POS, MALE**



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.

ACAD REFERENCE NO.:	685C0722210115E	UNIT: MM
DRAWN:	J.L.	DATE: 8/18/2023
CHECKED:	R.S.M	DATE: 8/18/2023
SCALE:	(IN CAD 1:1)	SHEET 1 OF 1
DRAWING NUMBER:	685C0722210115E	ISSUE
PART NUMBER:	685C0722210115E	3