

11.60 ±0.1 2.00 ±0.05

1.80 ±0.05

17.10

17.90

18.70

2.00 ±0.05

**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.



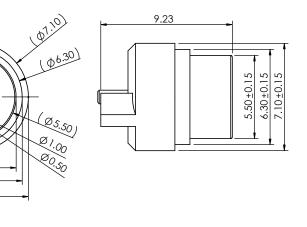
ISSUE NUMBER **ORIGINAL** ADD NOTE 6 & 7

P.M. AUG. 13/2023

**REVISE NOTE &** 

L.K.

**DELETE NOTE 4, 9.23 WAS 8.70** AUG. 18/2023



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

INI

COMPLIANT

Ø0.90

THIS SERIES FULLY CONFORMS TO THE EUROPEAN UNION DIRECTIVES 2011/65/EU FOR RoHS COMPLIANCY.

## MAGNETIC SPRING LOADED CONNECTOR, 7POS, MALE



EDAC INC TORONTO, ONTARIO CANADA

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	CHECKED: R.S.M	DATE: 8/18/2023	
	SCALE: (IN CAD 1:1)	SHEET 1 O	F 1
	DDAWING NUMBER - COECOZOCO1011EE		100115

DRAWING NUMBER: 685C0722210115E ISSUE 3 PART NUMBER: 685C0722210115E