

TOLERANCE UNLESS OTHERWISE SPECIFIED	
.X	$\pm 0.15$
.XX	$\pm 0.10$

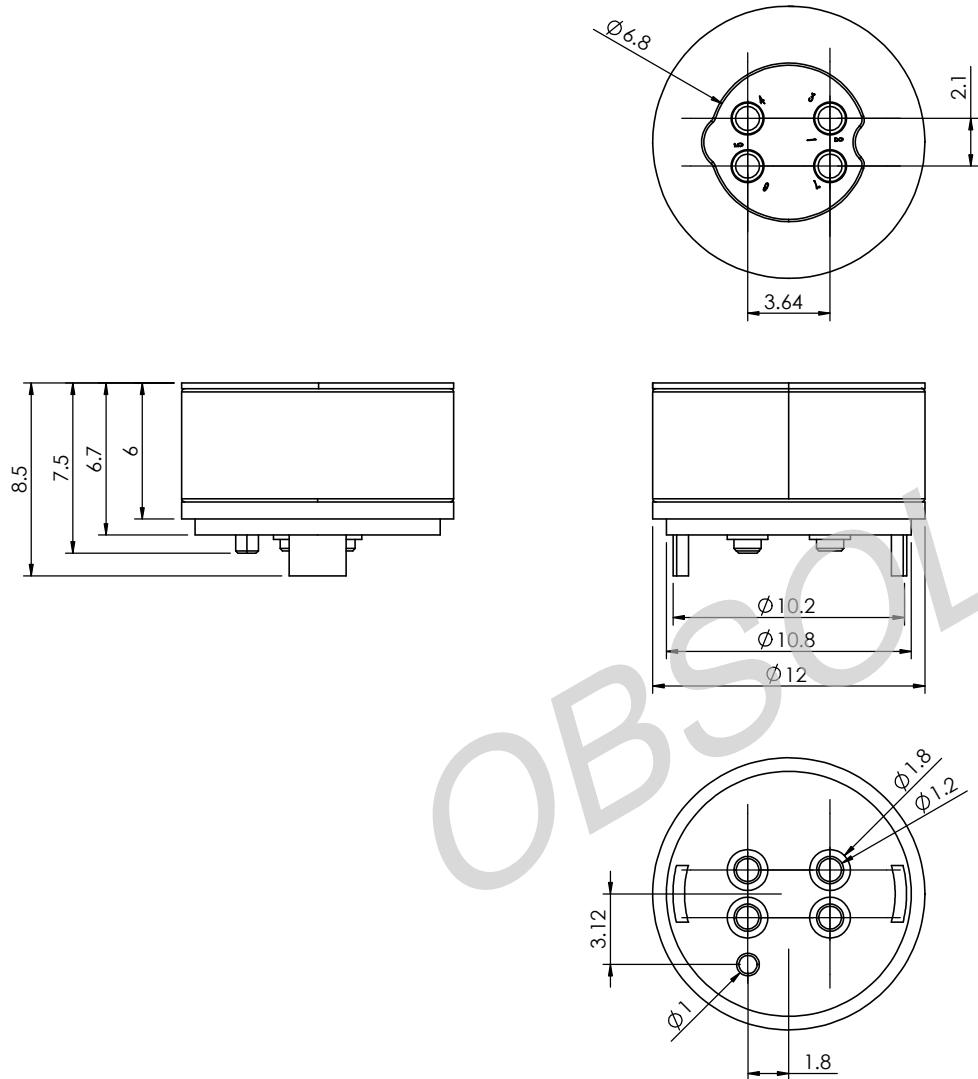
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SPECIFICATION:

1- MATERIAL:

CONTACT: BRASS, GOLD FLASH PLATING ALL OVER NICKEL UNDERPLATING  
HOUSING: PA49T, BLACK

MAGNET: N52

2- ELECTRICAL:

RATED VOLTAGE (PER CONTACT): 5V  
RATED CURRENT (PER CONTACT): 2A

INSULATION RESISTANCE: 100MEGAHOMS MIN.

DIELECTRIC WITHSTAND VOLTAGE: 100V AT 60Hz

CONTACT RESISTANCE: 30mOHMS MAX. BEFORE TEST AND 60mOHMS MAX. AFTER TEST

3- MECHANICAL LIFE: 30,000 CYCLES MIN.

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

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

6- 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

7- MATING WITH: 686A04222A01E1E

MAGNETIC SPRING LOADED CONNECTOR,  
4POS, MALE

ACAD REFERENCE NO.: 686A04222A01E1E UNIT: MM

DRAWN: J.L. DATE: 8/24/2023

CHECKED: R.S.M. DATE: 8/24/2023

SCALE: (IN CAD 1:1) SHEET 1 OF 1

DRAWING NUMBER: 686A04222A01E1E ISSUE 3

PART NUMBER: 686A04222A01E1E



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TORONTO, ONTARIO  
CANADA

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