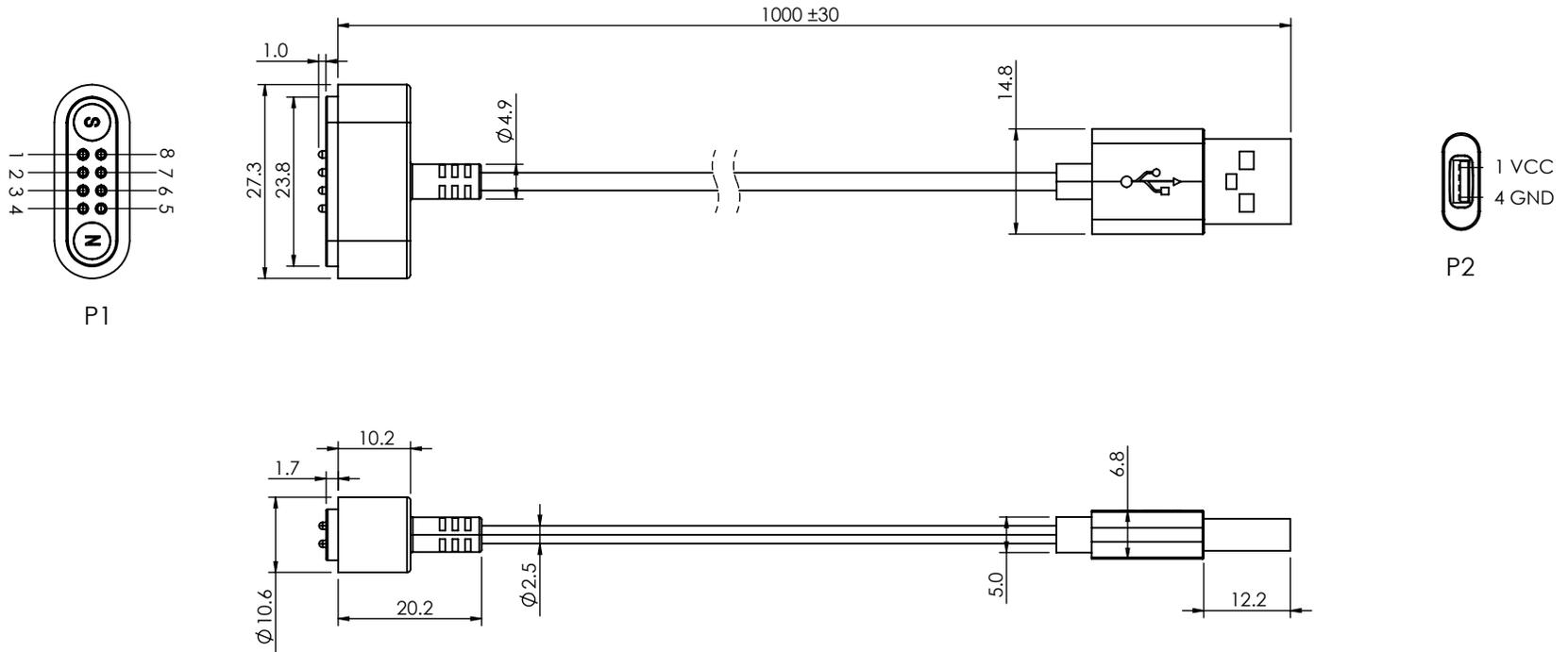


TOLERANCE UNLESS OTHERWISE SPECIFIED	
.X	±0.15
.XX	±0.10

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ISSUE NUMBER	
ORIGINAL	①
ADD NOTE 8	
P.M. AUG. 12/2023	②



**SPECIFICATION:**

- 1- MATERIAL:  
CONTACT: BRASS, GOLD FLASH PLATING ALL OVER NICKEL UNDERPLATING  
HOUSING : PA46, WHITE  
MAGNET : N52  
CABLE: TPE, GREY, OD: 2.5±0.10
- 2- ELECTRICAL:  
VOLTAGE RATING (PER CONTACT): 5V  
CURRENT RATING (PER CONTACT): 1A  
INSULATION RESISTANCE: 300V/DC 10MEGAOHMS (MIN.)  
ON-RESISTANCE: 30HMS MAXIMUM  
100% BREAK/SHORT TEST
- 3- SWING TEST: LIFTING WEIGHT 200g, ±60 DEGREES, 30 TIMES/MIN, 2000 TIMES CONDUCTION OK.
- 4- SALT SPRAY TEST: 5% SALT SPRAY CONCENTRATION, TEMPERATURE 35°C, TEST TIME 48 HOURS, NO CORROSION.
- 5- WORKING STROKE & FORCE: PRESS STROKE 1.0mm (PER CONTACT) 50gf MAX.
- 6- LIFE TEST: PRESS STROKE 0.8mm, 10,000 CYCLES MIN.
- 7- OPERATING TEMPERATURE RANGE: -30°C~+85°C.
- 8- MATING WITH: 686B0822250210E

**WIRING TABLE**

P1	P2
7 — RED	1 VCC
2 — BLACK	4 GND



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 TO  
USB-A CABLE ASSEMBLY, 8POS, MALE**

ACAD REFERENCE NO.:	687B0812A512100	UNIT: MM
DRAWN:	J.L.	DATE: 8/12/2023
CHECKED:	R.S.M	DATE: 8/12/2023
SCALE:	(IN CAD 1:1)	SHEET 1 OF 1
DRAWING NUMBER:	687B0812A512100	ISSUE
PART NUMBER:	687B0812A512100	2