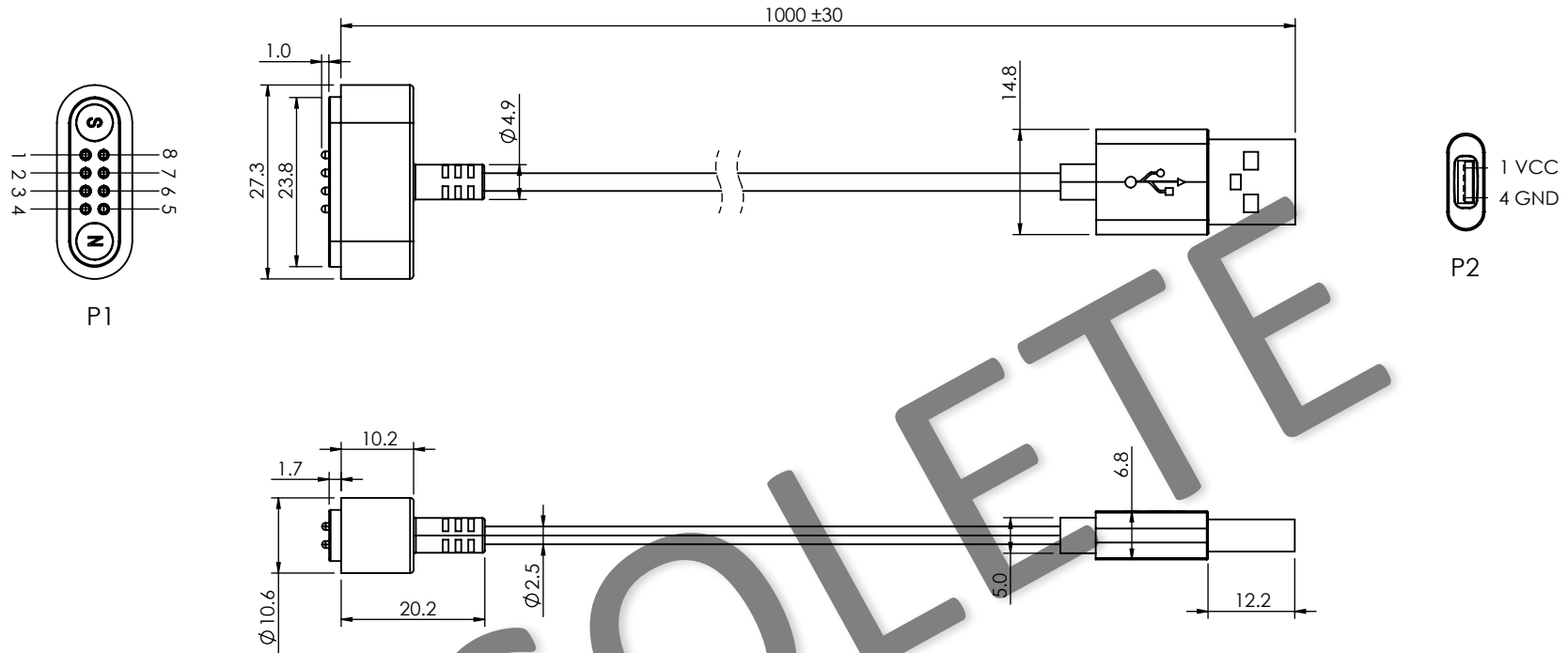


TOLERANCE UNLESS OTHERWISE SPECIFIED	
.X	±0.15
.XX	±0.10

THIS IS A C.A.D. GENERATED DRAWING
DO NOT MAKE MANUAL REVISIONS TO MASTER.



ISSUE NUMBER	
ORIGINAL	①
ADD NOTE 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

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.

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	