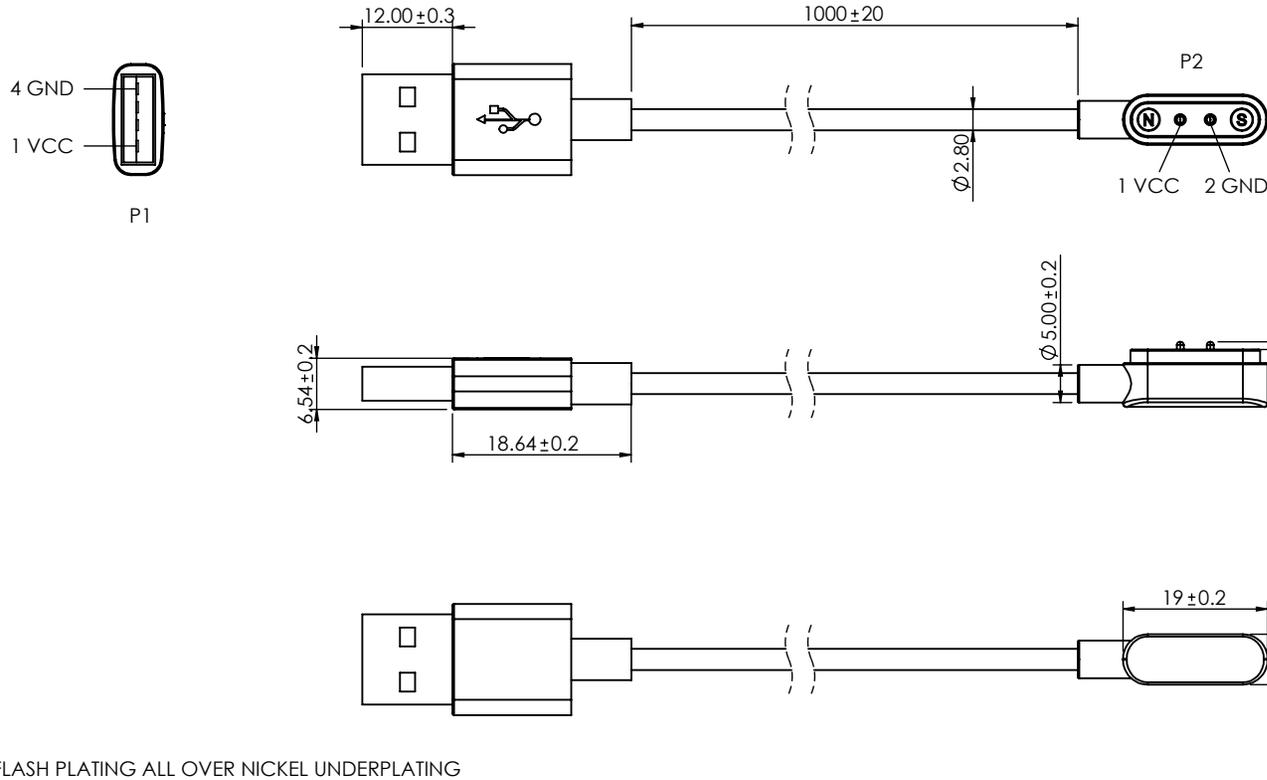


TOLERANCE UNLESS OTHERWISE SPECIFIED	
.X	±0.15
.XX	±0.10

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ISSUE NUMBER	
ORIGINAL	①
ADD NOTE 10	
P.M. AUG. 11/2023	②



**SPECIFICATION:**

- 1- MATERIAL:  
CONTACT: BRASS, GOLD FLASH PLATING ALL OVER NICKEL UNDERPLATING  
HOUSING : TPE 90A, WHITE  
MAGNET: N52
- 2- ELECTRICAL:  
RATED VOLTAGE: 5V  
RATED CURRENT: 2A  
INSULATION RESISTANCE: 300V/DC 10MEGAOHMS MIN.  
ON-RESISTANCE: 3 OHMS MAX.  
100% BREAK/SHORT TEST
- 3- SWING TEST: LIFTING WEIGHT 200g , ±60 DEGREES, 30 TIMES/MIN, 2000 TIMES CONDUCTION OK
- 4- WORKING ELASTIC SINGLE PIN: PRESS STROKE 0.8mm (PER CONTACT) 40gf±20gf MAX.
- 5- SALT SPRAY TEST: 5% SALT SPRAY CONCENTRATION, TEMPERATURE 35°C, TEST TIME 48 HOURS, NO CORROSION.
- 6- RECOMMENDED WORKING STROKE & FORCE: STROKE 1MM (PER CONTACT): 50gf±15gf
- 7- MECHANICAL LIFE: 10,000 CYCLES MIN.
- 8- WORKING TEMPERATURE RANGE: -30~+85°C.
- 9- GAUSS VALUE: 3600±360GS

10- MATING WITH: 686L0222211010E

**WIRING TABLE**

P1	P2
1	NATURAL + VCC
4	GREEN - GND

MAGNETIC SPRING LOADED CONNECTOR TO USB-A CABLE ASSEMBLY, 2POS, MALE		ACAD REFERENCE NO.:	687L0222A111200	UNIT:	MM
		DRAWN:	J.L.	DATE:	8/11/2023
CHECKED:	R.S.M	DATE:	8/11/2023		
SCALE:	(IN CAD 1:1)	SHEET	1	OF	1
DRAWING NUMBER:	687L0222A111200	ISSUE		2	
PART NUMBER:	687L0222A111200				



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