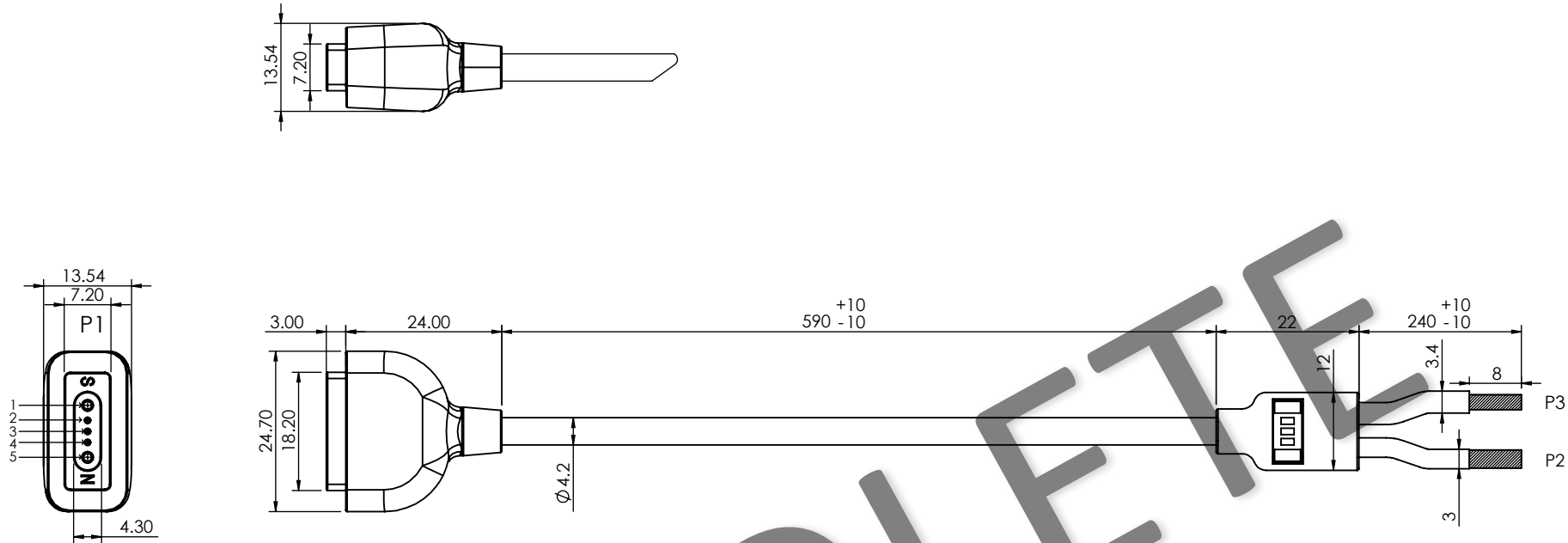


TOLERANCE UNLESS OTHERWISE SPECIFIED	
.X	±0.15
.XX	±0.10

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ISSUE NUMBER	
ORIGINAL	①
ADD NOTE 7	
P.M.	AUG. 13/2023 ②



SPECIFICATION:

- 1- MATERIAL:
CONTACT: BRASS GOLD FLASH PLATING ALL OVER NICKEL UNDERPLATING
HOUSING : TPE 90, BLACK
MAGNET: N52
- 2- ELECTRICAL:
RATED VOLTAGE (PER CONTACT): 24V
RATED CURRENT (PER CONTACT): 5A
100% BREAK/SHORT TEST
ON-RESISTANCE: 2 OHMS (MAX).
INSULATION RESISTANCE: 300V/DC 10 MEGAOHMS (MIN).
- 3- CONTACT RESISTANCE: 30mOHMS MAXIMUM BEFORE TEST
- 4- RECOMMENDED WORKING STROKE & FORCE: STROKE 1.2MM (PER CONTACT): 80gfMAX.
- 5- MECHANICAL LIFE: STROKE: 1.2MM, 10,000 CYCLE MIN.
- 6- WORKING TEMPERATURE RANGE: -30°C~+85°C
- 7- MATING WITH: 686K0551210113E

WIRING TABLE

P1	PCB	P2	P3
1 20AWG RED	1 VCC 24V		1 VCC 24V 20AWG RED
2 28AWG WHITE	2 D-	1 28AWG WHITE	
3 24AWG BLUE	3 VCC 5V	2 24AWG RED	
4 28AWG GREEN	4 D+	3 28AWG GREEN	
5 20AWG BLACK	5 GND	4 24AWG BLACK	2 GND 20AWG BLACK



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EDAC INC
TORONTO, ONTARIO
CANADA

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MAGNETIC SPRING LOADED CONNECTOR, 5POS, MALE

ACAD REFERENCE NO.: 687K05510501138	UNIT: MM
DRAWN: J.L.	DATE: 8/13/2023
CHECKED: R.S.M	DATE: 8/13/2023
SCALE: (IN CAD 1:1)	SHEET 1 OF 1
DRAWING NUMBER: 687K05510501138	ISSUE
PART NUMBER: 687K05510501138	2