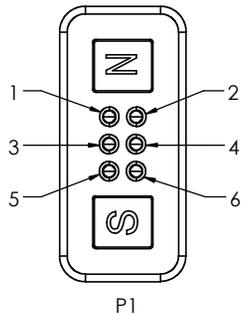
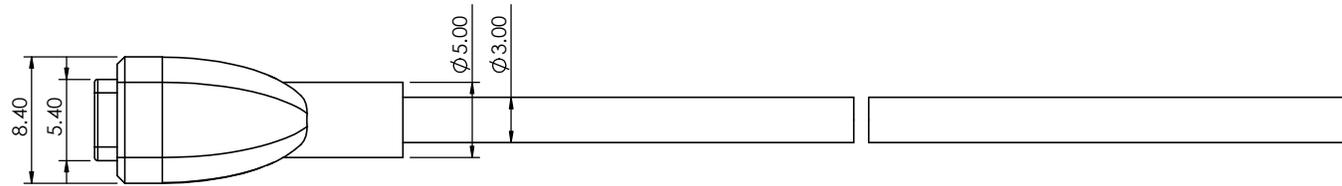
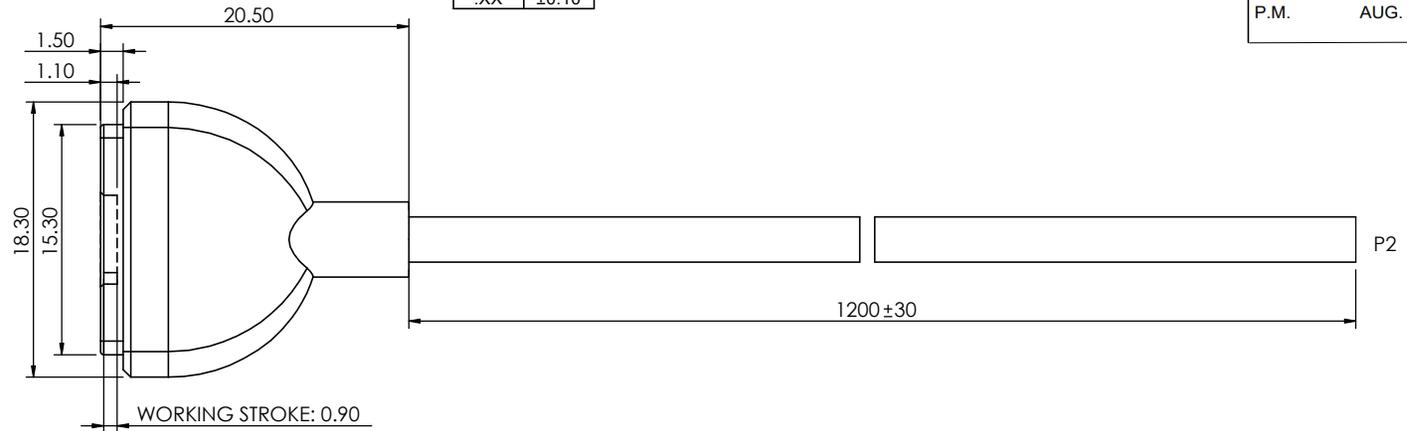
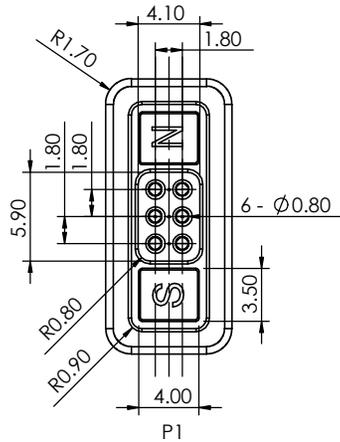


TOLERANCE UNLESS OTHERWISE SPECIFIED	
.X	±0.15
.XX	±0.10

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DO NOT MAKE MANUAL REVISIONS TO MASTER.



ISSUE NUMBER	
ORIGINAL	①
ADD NOTE 6	
P.M.	AUG. 13/2023 ②



WIRING DIAGRAM

P1		P2
1	<u>RED</u>	OPEN
2	<u>WHITE</u>	OPEN
3	<u>GREEN</u>	OPEN
4	<u>BLACK</u>	OPEN
5	<u>BLUE</u>	OPEN
6	<u>YELLOW</u>	OPEN

SPECIFICATION:

1- MATERIAL:

CONTACT: BRASS, GOLD FLASH PLATING ALL OVER NICKEL UNDERPLATING
HOUSING: PA9T, BLACK
SPRING: SUS
MAGNET: N52

2- ELECTRICAL:

RATED VOLTAGE (PER CONTACT): 5V
RATED CURRENT (PER CONTACT): 1A
INSULATION RESISTANCE: 100MEGAOHMS MIN.
DIELECTRIC WITHSTAND VOLTAGE: 100V AT 60HZ
CONTACT RESISTANCE: 30mOHMS MAX. BEFORE TEST AND 60mOHMS MAX. AFTER TEST
ON-RESISTANCE: 3 OHMS MAX.
100% BREAK/SHORT TEST

3- WORKING STROKE & FORCE: PRESS STROKE 0.8mm (PER CONTACT) 60gf MAX.

4- LIFE TEST: PRESS STROKE 0.8mm, 10,000 CYCLES MIN.

5- SALT SPRAY TEST: 5% SALT SPRAY CONCENTRATION, TEMPERATURE 35°C, TEST TIME 48 HOURS, NO CORROSION. OPERATING TEMPERATURE RANGE: -30~+85°C.

6- MATING WITH: 686B0621250124E

MAGNETIC SPRING LOADED CONNECTOR,
6POS, MALE

ACAD REFERENCE NO.:	687B0611050110E	UNIT: MM
DRAWN:	J.L.	DATE: 4/20/2023
CHECKED:	R.S.M	DATE: 4/20/2023
SCALE:	(IN CAD 1:1)	SHEET 1 OF 1
DRAWING NUMBER:	687B0611050110E	ISSUE
PART NUMBER:	687B0611050110E	2



THIS SERIES FULLY CONFORMS TO
THE EUROPEAN UNION DIRECTIVES
2011/65/EU FOR RoHS COMPLIANCY.



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TORONTO, ONTARIO
CANADA
YOUR CONNECTION TO QUALITY & SERVICE

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