

TOLERANCE UNLESS OTHERWISE SPECIFIED	
.X	± 0.15
XX	± 0.10

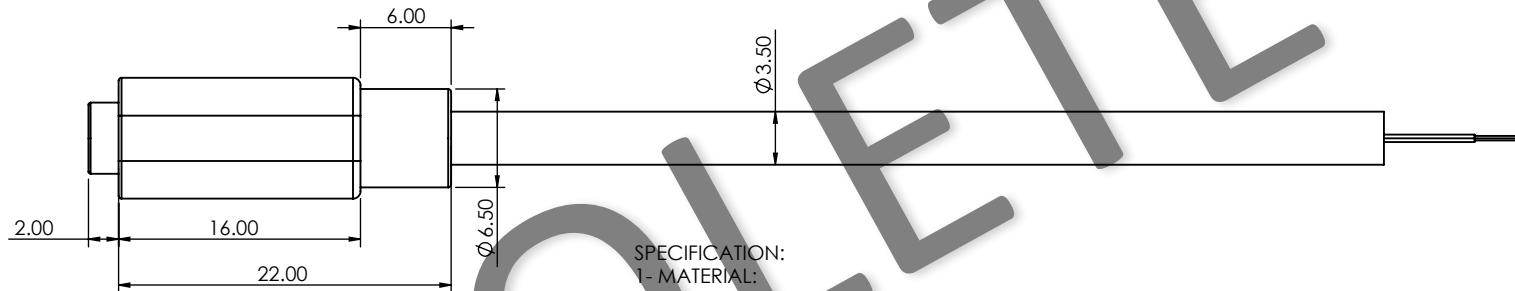
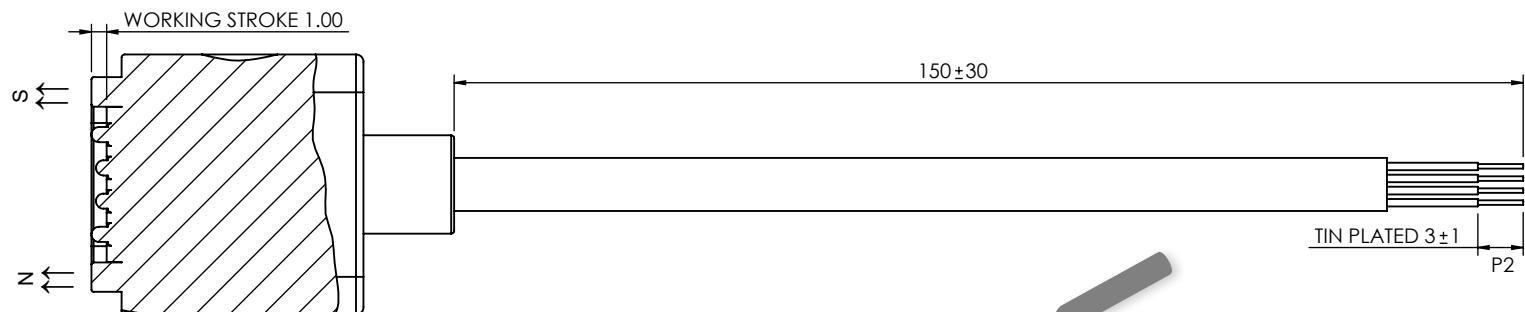
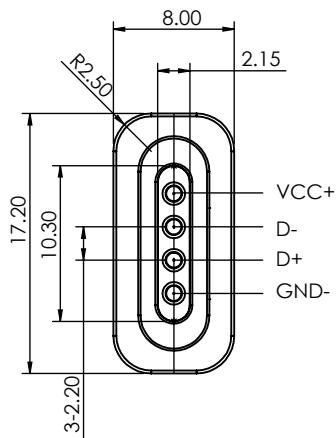
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ISSUE NUMBER

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
CABLE: TPE, BLACK
SHELL: ABS

2- ELECTRICAL:

VOLTAGE RATING: 5V
CURRENT RATING: 3A
INSULATION RESISTANCE: 300V/DC 10MEGAOHMS MIN.
ON-RESISTANCE: 0.3 OHMS MAX.
100% BREAK/SHORT TEST

3- SWING TEST: 200g LIFTING WEIGHT , ±60 DEGREES 30 TIMES/MIN, 2000 TIMES CONDUCTION OK

4- WORKING ELASTIC SINGLE PIN: PRESS STROKE 0.8mm (PER CONTACT) 80gf MAX.

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

6- OPERATING TEMPERATURE RANGE: -30~+85°C.

7- MATING WITH: 686F0432350125E

CONNECT DIAGRAM

P1	P2
1 RED	VCC+
2 WHITE	D+
3 GREEN	D-
4 BLACK	GND-

OBSOLETE

MAGNETIC SPRING LOADED CONNECTOR,
4POS, MALE

ACAD REFERENCE NO.: 687F0432050110B 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: 687F0432050110B ISSUE

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



EDAC INC
TORONTO, ONTARIO
CANADA

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