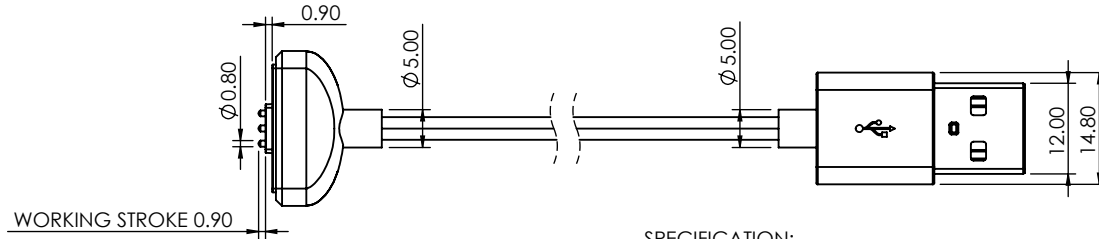
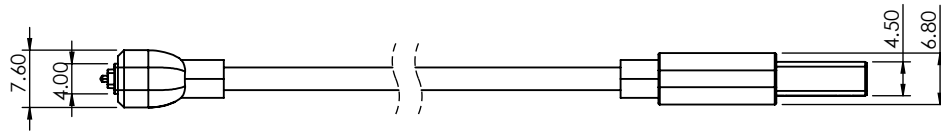
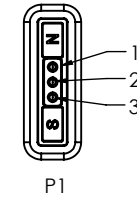
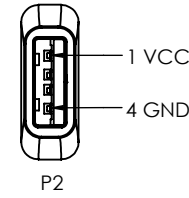
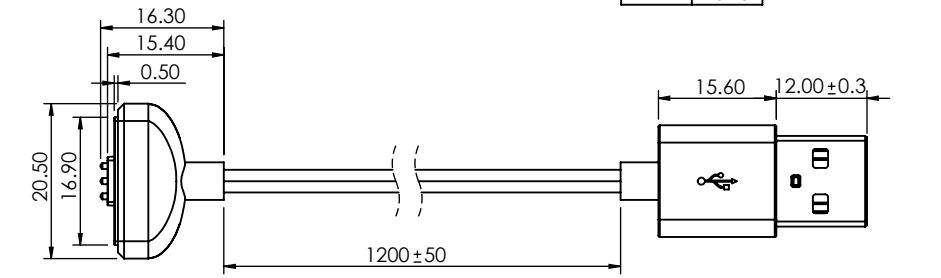
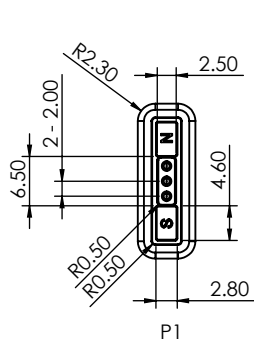


TOLERANCE UNLESS OTHERWISE SPECIFIED	
.X	±0.15
.XX	±0.10

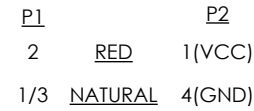
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DO NOT MAKE MANUAL REVISIONS TO MASTER.



ISSUE NUMBER	
ORIGINAL	①
ADD NOTE 7	
P.M. AUG. 12/2023	②



WIRING DIAGRAM



SPECIFICATION:

1- MATERIAL:

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

2- ELECTRICAL:

RATED VOLTAGE (PER CONTACT): 5V  
RATED CURRENT (PER CONTACT): 3A  
INSULATION RESISTANCE: 100MEGAOHMS MIN.  
DIELECTRIC WITHSTAND VOLTAGE: 100V AT 60HZ  
CONTACT RESISTANCE: 30mOHMS MAX. BEFORE TEST AND 60mOHMS MAX. AFTER 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.

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

7- MATING WITH: 686F0321250110E, 686F0321350120E, 686F0321350124E, 686F0321250124E OR 686F0321450110E



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

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WITHOUT WRITTEN PERMISSION.

MAGNETIC SPRING LOADED CONNECTOR TO  
USB-A CABLE ASSEMBLY, 3POS, MALE

ACAD REFERENCE NO.:	687F0321A51110E	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:	687F0321A51110E	ISSUE
PART NUMBER:	687F0321A51110E	2