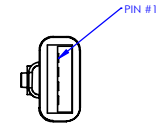
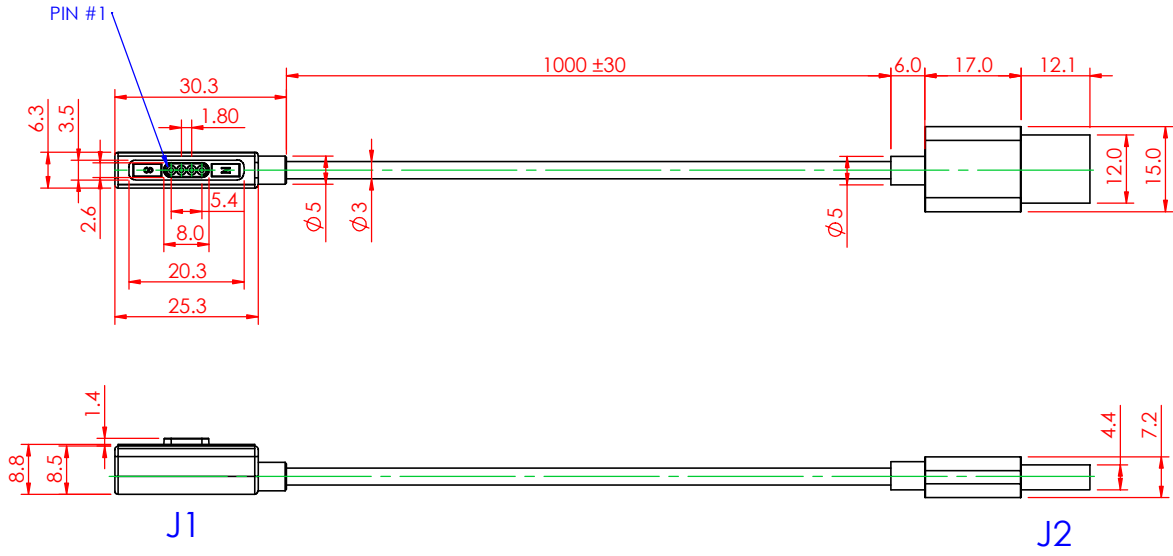


TOLERANCE UNLESS OTHERWISE SPECIFIED	
.X	±0.15
.XX	±0.15

THIS IS A C.A.D. GENERATED DRAWING
DO NOT MAKE MANUAL REVISIONS TO MASTER.



ISSUE NUMBER	
ORIGINAL	①
ADD NOTE 5	
P.M. AUG. 13/2023	②
ADD J1 & J2 IDENTIFICATION ADD PIN #1 LOCATIONS UPDATE WIRES DESIGNATION	
P.M. SEP. 26/2023	③
SPECIFICATIONS UPDATED	
V.K. MAR. 22/2024	④



J1	CORE WIRE COLOR	J2
1 (GND)	BLACK	1
2 (D+)	GREEN	2
3 (D-)	WHITE	3
4 (VCC)	RED	4

SPECIFICATIONS

CONTACT MATERIAL:	BRASS
CONTACT PLATING:	GOLD PLATING 5µ"
HOUSING MATERIAL:	PA46
HOUSING COLOR:	BLACK
MAGNET MATERIAL:	N52
CABLE MATERIAL:	PVC
CABLE COLOR:	BLACK
VOLTAGE RATING (PER CONTACT):	12V
CURRENT RATING (PER CONTACT):	2A
INSULATION RESISTANCE:	100MΩ MIN.
WITHSTANDING VOLTAGE:	100V AT 60 HZ
OPERATING TEMPERATURE:	-30 °C TO 85 °C
WORKING STROKE:	0.8 MM
STROKE FORCE (PER CONTACT):	60 GF MAX
MATING LIFE CYCLE:	10000

USB TYPE:	USB A
USB CONTACT MATERIAL:	BRASS
USB CONTACT PLATING:	GOLD FLASH

MATES WITH: 686L0421350120E

RECOMMENDED SOLDERING PROCESS ARE SELECTIVE SOLDERING OR MANUAL SOLDERING. OTHER FORMS OF SOLDERING SUCH AS WAVE SOLDER OR REFLOW SOLDER ARE NOT RECOMMENDED AND CAN POTENTIALLY CAUSE DEMAGNETIZATION OF MAGNET IN THE CONNECTOR



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

EDAC EDAC INC
TORONTO, ONTARIO
CANADA
YOUR CONNECTION TO QUALITY & SERVICE

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MAGNETIC SPRING LOADED CONNECTOR TO USB-A CABLE ASSEMBLY, 4 POS, MALE		ACAD REFERENCE NO.:	687L0421A501200	UNIT:	MM
DRAWN:	J.L.	DATE:	3/13/2023		
CHECKED:	R.S.M	DATE:	2026-01-15		
SCALE:	0.75:1	SHEET	1	OF	1
DRAWING NUMBER:	687L0421A501200			ISSUE	
PART NUMBER:	687L0421A501200			4	