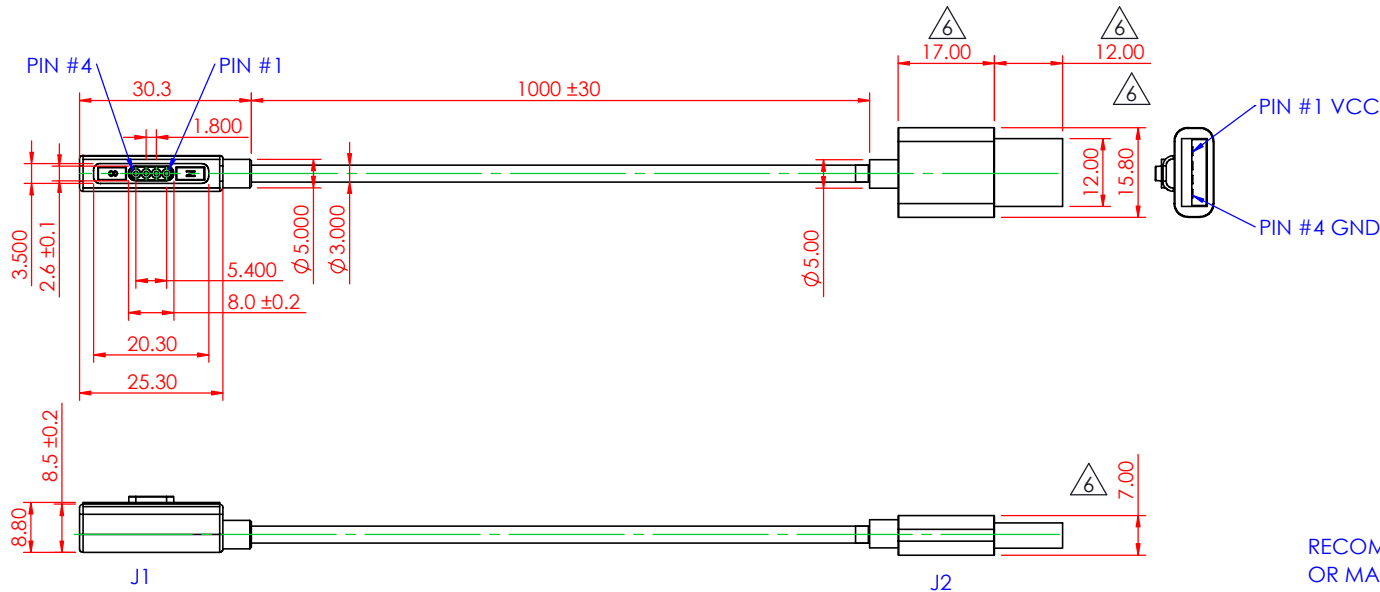
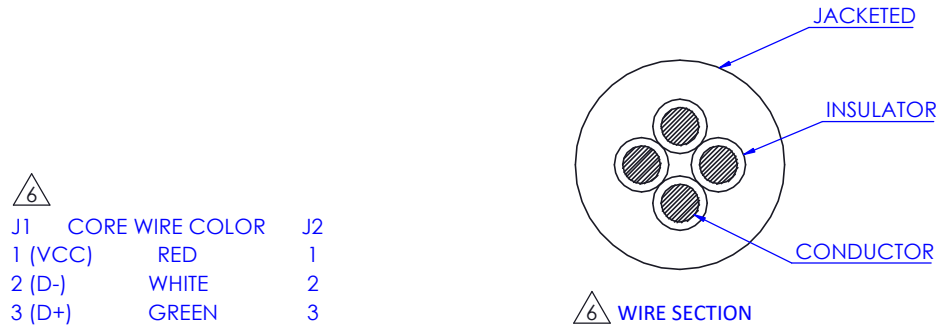


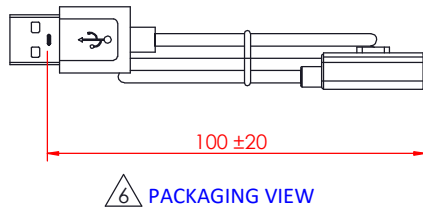
REVISIONS			
REV.	DESCRIPTION	DATE	BY
1	ORIGINAL	DRAWN DATE	J.L
2	ADD NOTE 5	08/12/2023	P.M
3	ADD J1 & J2 IDENTIFICATION, ADD PIN 1 LOCATION, UPDATE WIRE DESIGNATION	09/26/2023	P.M
4	SPECIFICATIONS UPDATED	03/22/2024	V.K
5	UPDATE USB PORT, ADD CABLE SPEC	04/01/2026	J.S.M
6	UPDATE SPECIFICATIONS, MATING PARTS, WIRING TABLE, PACKAGING VIEW, DIM TOLERANCE, & WIRE SECTION VIEW, 17.0 WAS 15.4, 12.0 WAS 12.2, 15.8 WAS 15.0, 7.00 WAS 6.70	05/12/2026	J.S.M



SPECIFICATIONS

△ 6 CONTACT MATERIAL:	BRASS
△ 6 CONTACT PLATING:	GOLD PLATING 3μ"
△ 6 HOUSING MATERIAL:	HTN
HOUSING COLOR:	BLACK
MAGNET MATERIAL:	N52
CABLE MATERIAL:	PVC
CABLE COLOR:	BLACK
VOLTAGE RATING (PER CONTACT):	12V
CURRENT RATING (PER CONTACT):	2A
△ 6 OPERATING TEMPERATURE:	-20°C TO 60 °C
△ 6 WORKING STROKE:	0.6 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 0.5μ"
△ 6 MATES WITH:	686L0421350120E 686C0422250110E

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



		DRAWN BY		J.L	MAGNETIC SPRING LOADED CONNECTOR TO USB-A CABLE ASSEMBLY, 4 POS, PLUG						
		DRAWN DATE		03/13/2023							
		CHECKED BY		R.S.M	PART NUMBER		687L0421A501200				
		CHECK DATE		05/12/2026							
RoHS COMPLIANT	THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF EDAC, AND SHALL NOT BE REPRODUCED , OR COPIED OR USED AS THE BASIS FOR THE MANUFACTURE OR SALE OF APPARATUS WITHOUT WRITTEN PERMISSION.	TOLERANCES		ALL DIMENSIONS AND TOLERANCES IN MM		MATERIAL		HTN		SIZE	A
		.X ±0.30				NOTES:				REVISION	
		.XX ±0.20								R6	
		.XXX ±0.10				SCALE	1:2	SHEET	1	OF	1