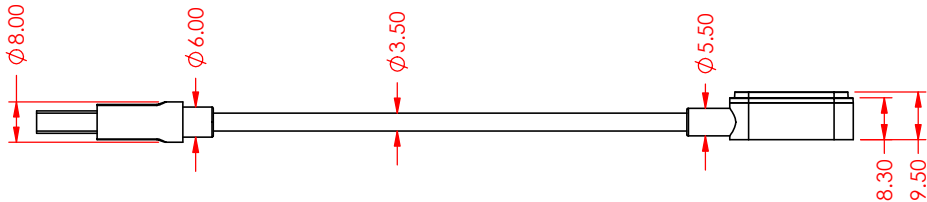
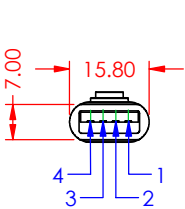
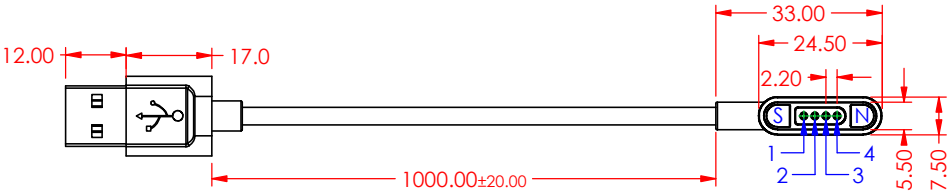
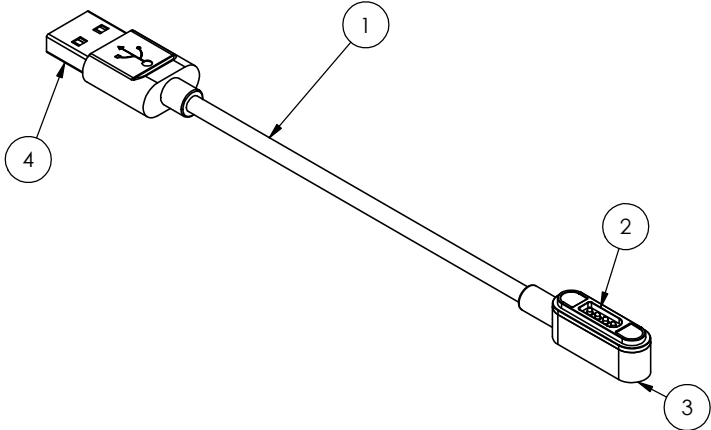


ITEM NO.	DESCRIPTION	QTY.
1	WIRE	1
2	MPM-VA0-104-2R02-A00	1
3	OVERMOLDING	1
4	USB A-2.0	1

REVISIONS			
REV.	DESCRIPTION	DATE	BY
1	ORIGINAL	DRAWN DATE	



SPECIFICATIONS
CURRENT RATING: 1.5A
VOLTAGE RATING: 12V
WITHSTANDING VOLTAGE: 500V
INSULATION RESISTANCE: 1000MΩ MIN FOR 1 MIN
CONTACT RESISTANCE: 50mΩ MAX
TEMPERATURE RANGE: -20°C TO 60°C

INSULATOR MATERIAL: HTN
INSULATOR COLOR: BLACK
CONTACT MATERIAL: BRASS
CONTACT PLATING: 5μ" GOLD PLATING
MAGNET MATERIAL: N52
MATING CYCLES: 10000

STROKE: 1.0 MM
CONTACT FORCE: 80±20 g

MATING PARTS: MPF-VA0-104-2P02-A00
MPF-VA0-104-2P02-A10

CABLE SPECIFICATIONS
CABLE MATERIAL: PVC
CABLE COLOR: BLACK
OVERMOLDING MATERIAL: TPE
OVERMOLDING COLOR: BLACK
OPPOSITE END: USB A-2.0

POGO PIN	WIRE COLOR	USB PIN NO.	SIGNAL
1	RED	1	VCC
2	WHITE	2	D-
3	GREEN	3	D+
4	BLACK	4	GND

NOTE:IR REFLOW AND WAVE SOLDERING NOT RECOMMENDED AS THE PROCESSES CAN DEMAGNETIZE THE CONNECTOR MAGNETS.

		DRAWN BY		V.K.		MALE CABLE ASSEMBLY, RECTANGULAR, 2.2MM PITCH, 4 POSITIONS					
		DRAWN DATE		08/08/2025							
		CHECKED BY		R.S.M.							
				CHECK DATE		08/08/2025		PART NUMBER		MCM-YA0-104-2R02-BK0	
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		.X ±0.5						REVISION			
		.XX ±0.2									
		.XXX ±0.1									
				SCALE		1:1.5	SHEET	1	OF	1	