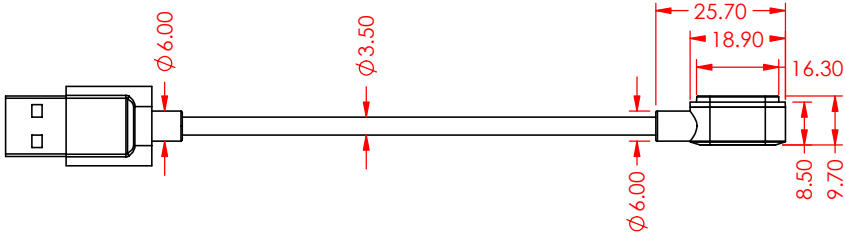
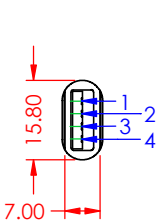
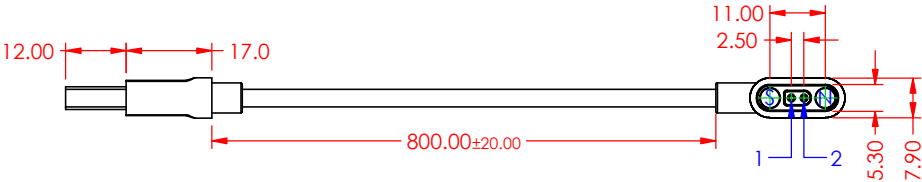
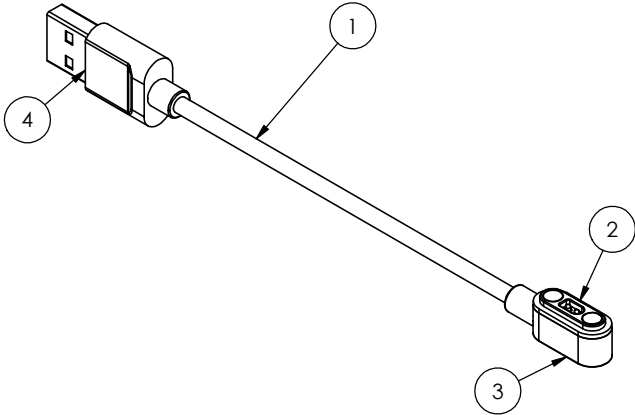


ITEM NO.	DESCRIPTION	QTY.
1	WIRE	1
2	MPM-VB0-102-2R08-A00	1
3	OVERMOLDING	1
4	USB A-2.0	1

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
 MAGNETIC FORCE: 3800 G

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-VB0-102-2P08-A00

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

POGO PIN	WIRE COLOR	USB PIN NO.	SIGNAL
1	RED	1	VCC
-	-	2	-
-	-	3	-
2	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, 2.5MM PITCH, 2 POSITIONS					
		DRAWN DATE		08/18/2025							
		CHECKED BY		R.S.M.		PART NUMBER		MCM-YB0-102-2R08-BH0			
		CHECK DATE		08/07/2025							
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		.X	±0.5							REVISION	
		.XX	±0.2							1	
		.XXX	±0.1			SCALE	1:1.5	SHEET	1	OF	1