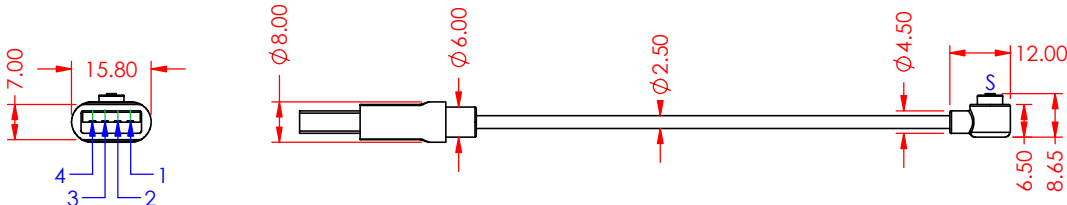
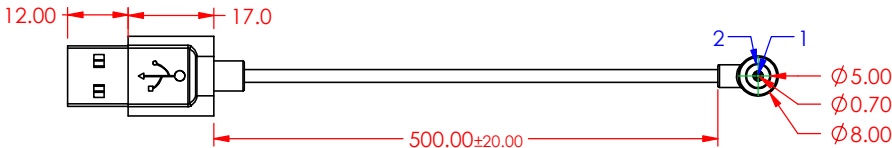
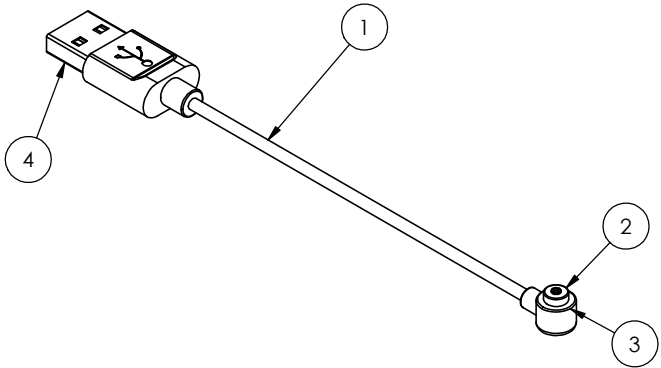


ITEM NO.	DESCRIPTION	QTY.
1	WIRE	1
2	MPM-V00-562-5R12-E00 WITHOUT SHELL	1
3	OVERMOLDING	1
4	USB A-2.0	1

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: -25°C TO 60°C

INSULATOR MATERIAL: HTN
INSULATOR COLOR: WHITE
CONTACT MATERIAL: BRASS
CONTACT PLATING: 20μ" GOLD PLATING
MAGNET MATERIAL: N52
MATING CYCLES: 10000

STROKE: 0.6 MM
CONTACT FORCE: 40±20 g

MATING PARTS: MPF-V00-562-2P12-E00
MPF-V00-562-2P12-E10

CABLE SPECIFICATIONS
CABLE MATERIAL: TPE
CABLE COLOR: WHITE
OVERMOLDING MATERIAL: TPE
OVERMOLDING COLOR: WHITE
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, CIRCULAR, 8.0MM PITCH, 2 POSITIONS									
		DRAWN DATE		08/19/2025											
		CHECKED BY		R.S.M.											
		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.		CHECK DATE		08/19/2025		PART NUMBER		MCM-Y00-802-2R12-BE0			
TOLERANCES						ALL DIMENSIONS AND TOLERANCES IN MM		MATERIAL				SIZE		A	
.X ±0.5								REVISION							
.XX ±0.2															
.XXX ±0.1										SCALE		1:1.5		SHEET	