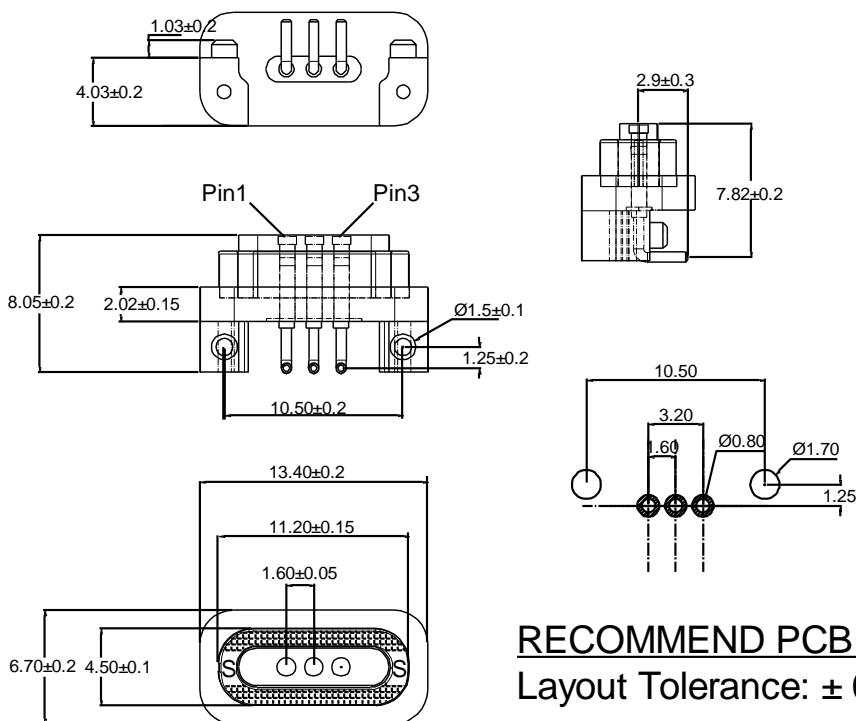


Magnetic Cable Connector multicom^{PRO}

RoHS
Compliant



Female Magnetic Connector



Dimensions : Millimeters

RECOMMEND PCB LAYOUT
Layout Tolerance: $\pm 0.05\text{mm}$

Specifications

Current Rate	: 2A
Contact Resistance	: 50mΩ
Operating temperature range	: -40°C to +80°C
PIN Quantity	: 3pin
PIN Material	: Brass C604, 1u" gold plating
Housing Material	: PA46+30%GF
Magnetic	: NdFeB, N52

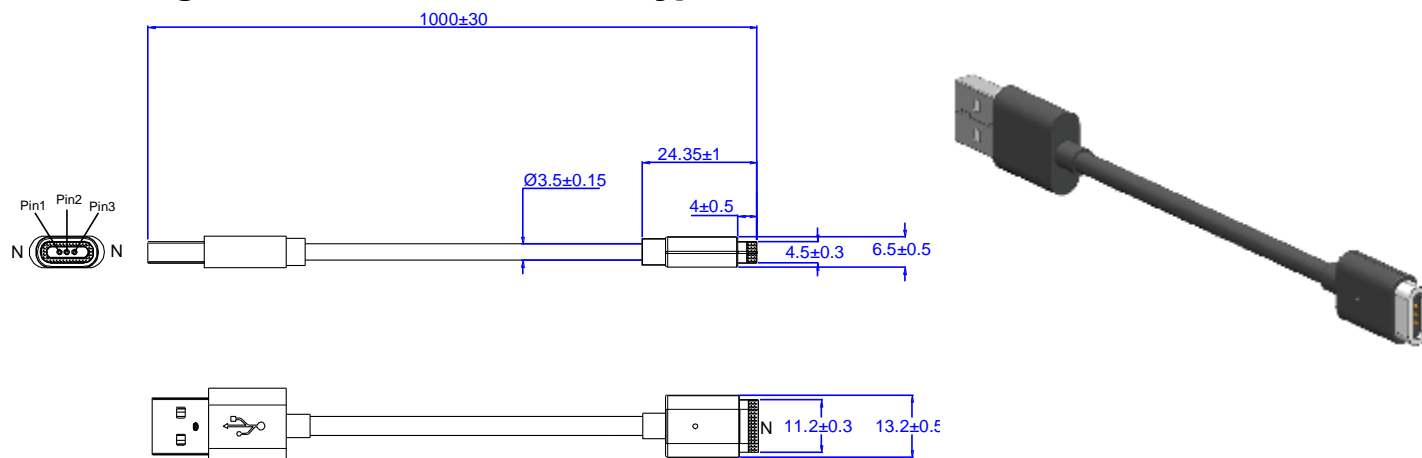
Pin Assignment		
Pin	Signal	Description
Pin1	GND	Ground
Pin2	VCC	+5V DC
Pin3	GND	Ground

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multicom^{PRO}

Magnetic Cable Connector multicom^{PRO}

Male Magnetic Connector 3 Pin to Type A USB Cable



Specifications

Current Rate	: 2A
Contact Resistance	: 50mΩ
Operating temperature range	: -40°C to +80°C
Working Stroke	: 0.8mm
Durability	: 10000 cycles
Spring force	: 25gf to 30gf
Materials	
Plunger	: Brass, C3604, 3u" gold plating
Barrel	: Brass C3604, 3u" gold plating
Spring	: SUS304
Magnet	: NdFeB, N52, Ni Plating
Housing	: PA66 + 30%GF
Cable	: PVC

Dimensions : Millimeters

Part Number Table

Description	Part Number
Male Magnetic Connector 3 Pin to Type A USB Cable, 100mm, White	MP009319
Female Magnetic Connector, 3 Pin , White	MP009320
Connector Kit, 3 Pin Male Cable and Female Magnetic Connector, White	MP009321
Male Magnetic Connector 3 Pin to Type A USB Cable, 100mm, Black	MP009331
Female Magnetic Connector, 3 Pin , Black	MP009332
Connector Kit, 3 Pin Male Cable and Female Magnetic Connector, Black	MP009333

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