

**RoHS  
Compliant**

## Specifications

### Electrical

Current Rate : 2A

### Environmental

Operating Temperature Range : -40°C to +85°C

### Mechanical

Spring Force : 25 ±20% gf

Working Stroke : 1.2mm

Durability : 10,000 cycles

### Material

Plunger : Brass C3604, 3μ" gold Plating

Barrel : Brass C3602, 3μ" gold Plating

Spring : SUS304

Housing : PA46 +30% GF, Black

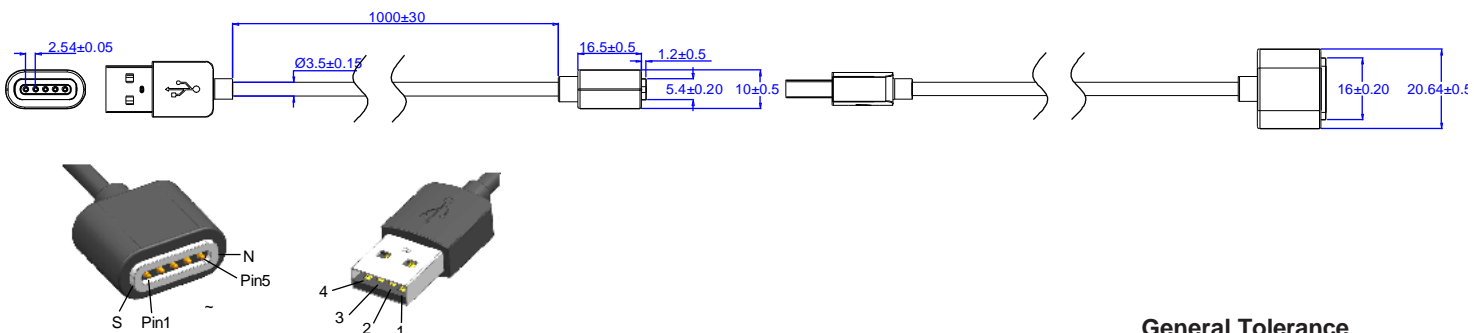
Magnet : NdFeB, N52

Cable : PVC, Black, OD 3.5mm , Length 2m  
AWG24x2C+AWG28x2C, 70P

USB : PVC



## Diagram



### General Tolerance

X. = ±0.3mm

.X = ±0.15mm

.XX = ±0.1mm

Pin Assignment				
USB	Mag Pin	Signal	Wire gauge	Colour
1	Pin1	VCC	AWG24	Red
2	Pin2	DATA-	AWG28	White
/	Pin3	/	/	/
3	Pin4	DATA+	AWG28	Green
4	Pin5	GND	AWG24	Black

Dimensions: Millimeters

## Part Number Table

Description	Part Number
USB Cable Assembly, 5 Pin, 100cm	MP011973

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