BTP-MCW Product Series

Technical Datasheet

Product Name: Touch Foil, 12.1 inch

- Technical Specifications:

Part No.:	SNT-MCW-TFS-12.1-STM(16-10)
BOM Code:	1.02.121.01.0101
Project Code:	M121S16-10
Structure:	Film+Micro Copper Wire+Film
Copper Wire Diameter:	15 microns
Base Material:	PET Film
Controller IC:	STM Series
Driver Type：	Driver-free, plug-n-play
Communication Interface:	USB2.0/3.0
Working Voltage:	5V
Standard USB Cable Length:	1,500mm
Thru-Glass Capability:	Max. 12mm
Screen Ratio:	16:10
Foil Size:	287.6*187.05mm
Active Area:	264*166mm
Controller Size:	87.0*47.0mm
FPC direction:	Short side
Light Transmittance	≧89%
Lamination Method:	Wet Lamination (OCA)
Lamination Substrate:	Glass/Acrylic/PMMA or other non-metallic material
Inductive method	Improved projected capacitive technology
Touch accuracy	±1mm
Touch Points	1~12 points (adjustable)
Calibration method	Automatic
Response time	<10ms
Frame scan frequency	120FPS
Lifetime	9 Years

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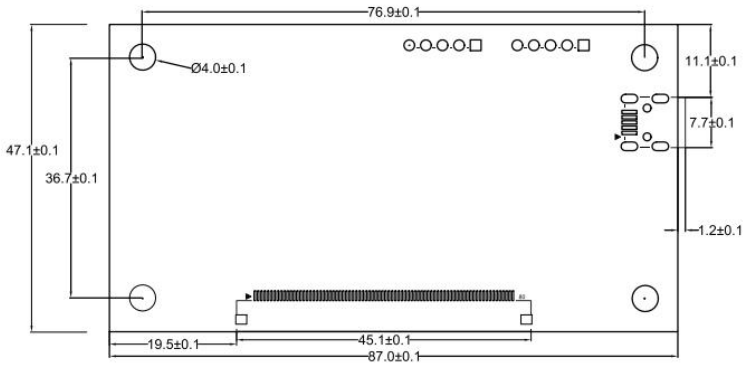
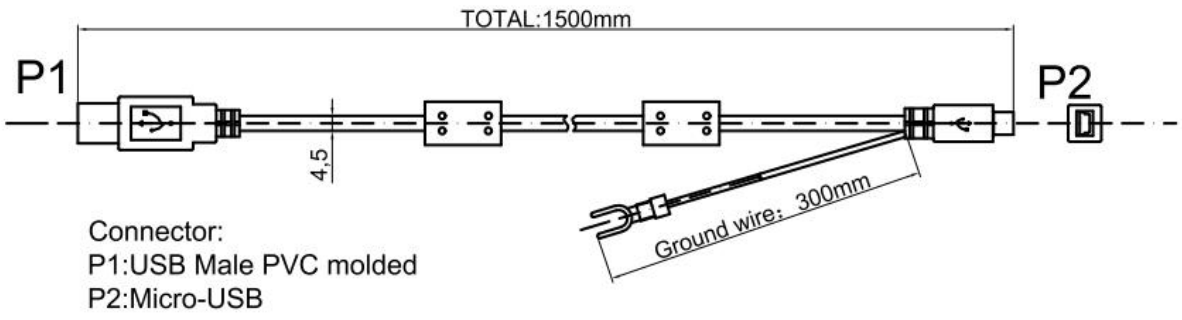
Temperature Range	-15℃ to + 75℃
Working Environment	0~ 95%RH（Unaffected by condensation）
OS compatibility	Windows XP ,Windows 7,Windows 8 Windows10(32 / 64)
	Linux (Kernel version above 3.8)
	Above Android 4.0 (Kernel version above 3.1)
EMC	EN 61000-6-1:2007, EN 61000-6-3:2007+A1:2011
Power Consumption	<0.5W

*This device complies with Part 15 of the FCC Rules Operation is subject to the following two conditions:(1)this device may not cause harmful interference, and (2)this device must accept any interference received, including interference that may cause undesired operation.

- Controller:
  STM



- USB Cable:



Connector:
P1:USB Male PVC molded
P2:Micro-USB

Remarks:

All datasheets are drafted by SINOTECTRONICS BTP product team, in case of any technical support needed, please feel free to contact our service team or sales in charge, or you can directly email us:

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