

5-Wire Resistive Touch Panel Data

Specification

Size Range	5" ~ 21"
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Electrical

Operating Voltage	3.3 to 5VDC
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Loop Resistance	30~500 ohm (pin to pin on drive layer)
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Positional Accuracy	Deviation less than 1.0%
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Insulation Resistance	> 20 M @ 25 VDC
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Type	Analog
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Optical

Transparency	$\geq 80\%$
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Haze	Clear Finish $\leq 3\%$ Antiglare Finish $\leq 7\%$
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Environmental

Operating Temperature	-10°C ~ 60°C (20%RH ~ 85%RH)
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Storage Temperature	-40°C ~ 85°C (10%RH ~ 90%RH)
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Constant Temperature/ Humidity	70°C /90%RH, 500 hrs
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Thermal Cycle	-40°C ~+70°C 60 minutes per Cycle x 10 times
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Mechanical

Activation Method	Stylus or finger
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Activation Force	$\leq 50g$ (Stylus=R0.8)
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Structure	Film/Glass
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Connection Tail	FFC Material
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Surface Hardness	$\geq 3H$
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Durability

Life Time	35 million touches
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