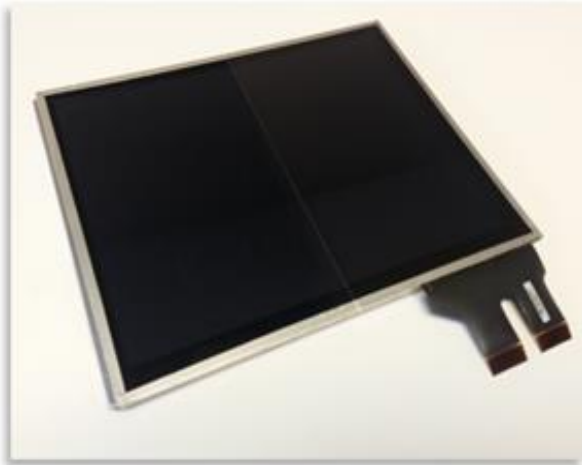




## Custom PCAP Touch Screens

3.5" through 21.5" PCAP sizes

PCAP Touch with custom features: Anti-Smudge, Print-Free, Anti-Reflective Hard Coating, Screen Printing, Etched Anti-Glare, Hardened Cover Glass with EMI Filter and Heater options



### Features:

- **Wide choice of enhancement features**
- **Fingerprint-proof AR cover glass**
- **EMI / Heater options**
- **Wide choice of touch diagonal sizes**
- **Low to no minimum order quantities**
- **Low to no NREs**
- **Mix and Match enhancements**

PCAP touch technology has emerged as the lead touch technology with superior multi-touch performance and optical quality. As good as it is, there are reasons to wanting it better. Are you looking for a PCAP with AR (anti-reflective) coating on the cover glass? Are you looking for etched cover glass? Hardened cover glass? Custom screened cover glass? Do you need EMI filter attached to the PCAP? Do you need a heater attached to the PCAP? Would you need ALL OF THESE on one touch system?

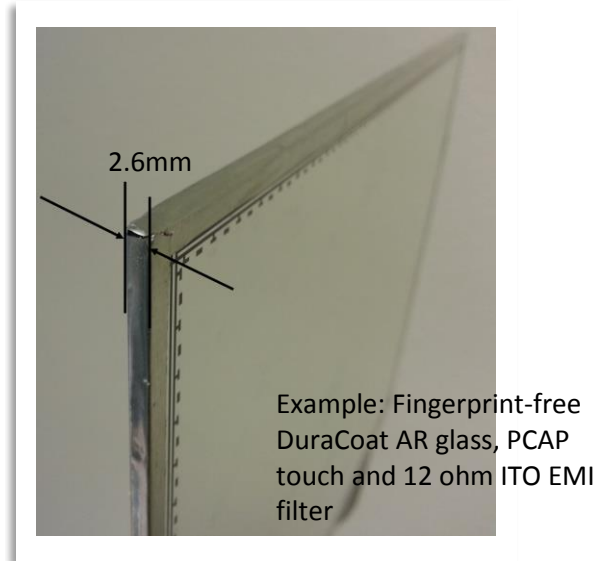
If you went to the PCAP factory, you might get some of these features. You might even get all of these features. But at what cost? Typically, OEM PCAP factories require minimum product runs. The work is done out of the country so control, lead time and even language can be a hindrance to a successful program. With Luminary Custom Touch, all of these features and other exciting options can be done for you within weeks, usually with little to no NRE and very low minimums (typically ten pieces).

Luminary Optics has structured our display and touch enhancements as "Spec Standards". Simply put, our enhancements are standard materials and processes but can be assembled for the customer to their specifications. This allows the customer to pick from a long list of PCAP options and to order them "ala carte". Luminary can easily match the size (diagonal) of the touch to any of the touch enhancements across our wide offering. A customer can easily "mix and match" the touch features and requirements to meet their needs without large minimum quantities or costly NRE charges.

Once completed the touch screen can then be optically bonded to the display for maximum optical performance and reliability. If the touch screen cannot be bonded to the display, we can prepare the touch with AR on the rear surface so the touch can work in an air gap assembly.

## Custom PCAP Enhancements:

- Anti-Reflecting AR Glass Cover Glass 1.1mm, 2mm and 3mm
- Anti-Reflecting DuraCoat Cover Glass- Print Free, Smudge Free, Hard Coat- 1.1mm, 2mm and 3mm
- Hardened Cover Glass- Chemical Strengthened with or without std. AR
- Etched Anti-Glare 95 Gloss Cover Glass- 1.1mm and 3mm
- Etched Anti-Glare 95 Gloss with AR coating- 1.1mm and 3mm
- Screen printing and border graphics
- 12 ohm ITO EMI filter
- 12 ohm ITO Heater Glass
- Polarized sunglass compatible film (readability from any angle)
- Circular Polarized Cover Glass



• 3.5"	• 4.3"
• 5.7"	• 6.5"
• 8.4"	• 10.4"
• 12.1"	• 15"
• 10.1" W	• 12.1" W
• 15.6" W	• 18.5" W
• 21.5" W	