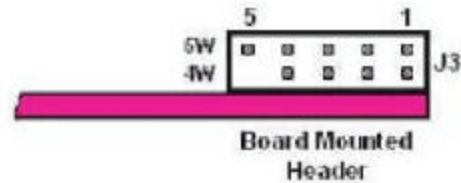


TECHNICAL BRIEF

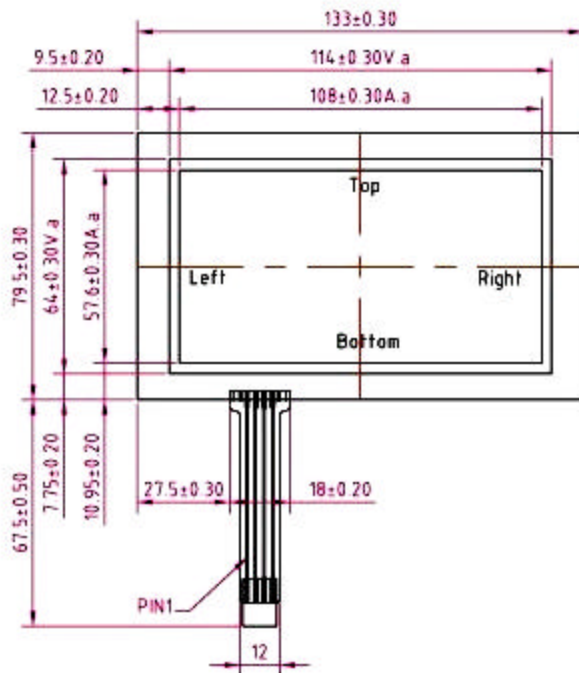
BY: AZD ENGINEERING



Physical Interface of Touch Panels

Except LCD modules that already have built-in touch screen controllers (like AGM2432D & AGM3224L monochrome display series and ATM3224N1-02 color TFT display series), most other standard products from AZ Displays featuring touch panels must be interfaced to a touch screen controller chip on a user's board.

Touch Panel Controller Integration



AZ Displays touch panel controllers are designed for ease of integration. One end of the controller connects via USB or RS232 to a computer or customer's own board while the other end connects to the touch panel itself through a pin header. This pin header offers the convenience of use with both 4 and 5-wire resistive touch panels. Pin numbers for the header are shown in the diagram (above in the corner), and normally an arrow mark located on the touch panel cable designates the location of pin 1. Using this orientation, simply take the touch panel cable and plug into the corresponding row of pins. AZ Displays touch panel controllers come pre-programmed but if customer requires, further calibration or re-programming is possible using the included software.

New Releases

To interface touch screen outputs in the manner described above, customers may choose from either standard monochrome displays featuring 4-wire resistive touch panels (such as AQM1264C, AGM3224D, and AGM3224N) or digital color TFT displays found on our web site at http://www.azdisplays.com/index.php?id=digital_tft_list