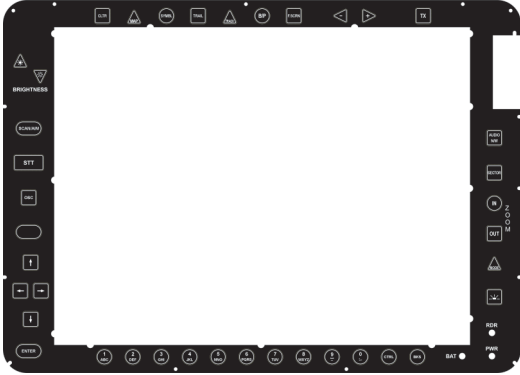


TECHNICAL DATASHEET



KEYPAD PCB-BSD TACT EMBSD-KEYS CDUw/OL2

Indigenous Technology : Designed, Developed & Manufactured by Keetronics (India) Pvt. Ltd.

The 49-key industrial keyboard is a PCB-based solution designed for reliable performance in demanding environments. It features high-quality tactile switches (tact EMBSD) for precise and consistent key response. The illuminated keypad ensures clear visibility in low-light conditions, improving operational accuracy. Built for durability, it is well-suited for industrial automation, control panels, and rugged systems.

Features:

- IP-67
- MIL 461E Compatible
- Embossed Backlight Keys

Technical Specification :

- Electrical:
 - Power Supply: 5V DC $\pm 5\%$
 - Interface: Hirose Connector P/N. FH4I-30S-0.5SH(05)
- Mechanical:
 - Number of Keys: 49 Keys
 - Individual key life cycle: 1 million key strokes
 - Key actuation force: 300g ± 30 g
 - Key Travel: 0.4mm ± 0.1 mm
 - Key Switch material: Gold Plated Metal Dome
 - Mounting Type: Adhesive
- Others:
 - Operating temperature: -20°C to $+60^{\circ}\text{C}$
 - Storage temperature: -30°C to $+70^{\circ}\text{C}$
 - Relative Humidity: 95% Rh at 40°C
 - Dimensions (L-W-T): 400.5 x 288.1 x 4.1 mm (Excluding key height) Tol. ± 0.2 mm
 - Warranty: 1 Year

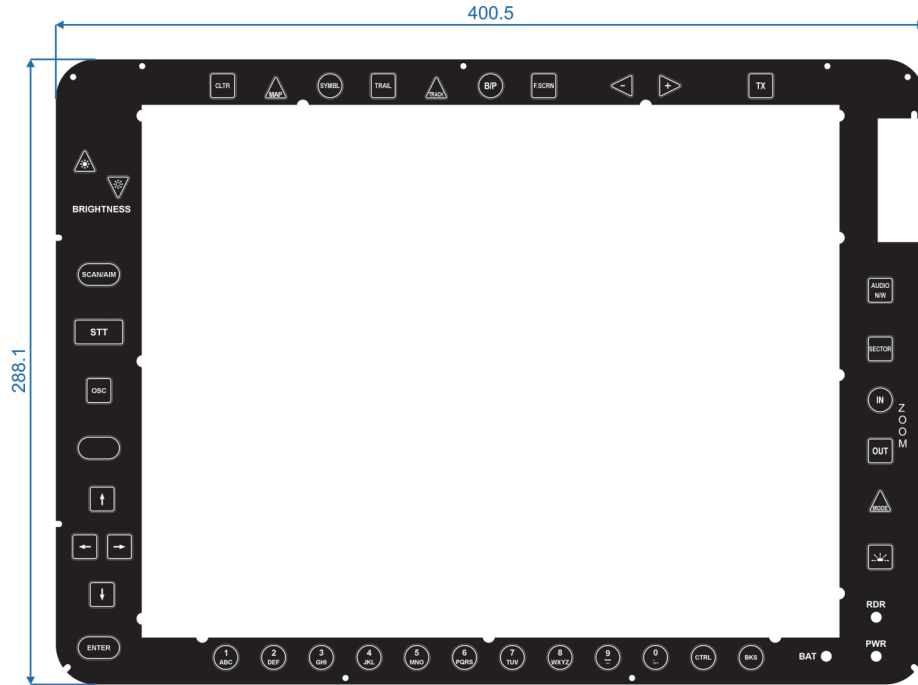
Note:-

Keetronics has ensured that the design meets the required specifications; however, it is the customer's responsibility to assemble the product with the appropriate bezel and conduct testing as part of the complete unit to verify compliance and functionality.

TECHNICAL DATASHEET

Mechanical Drawing:

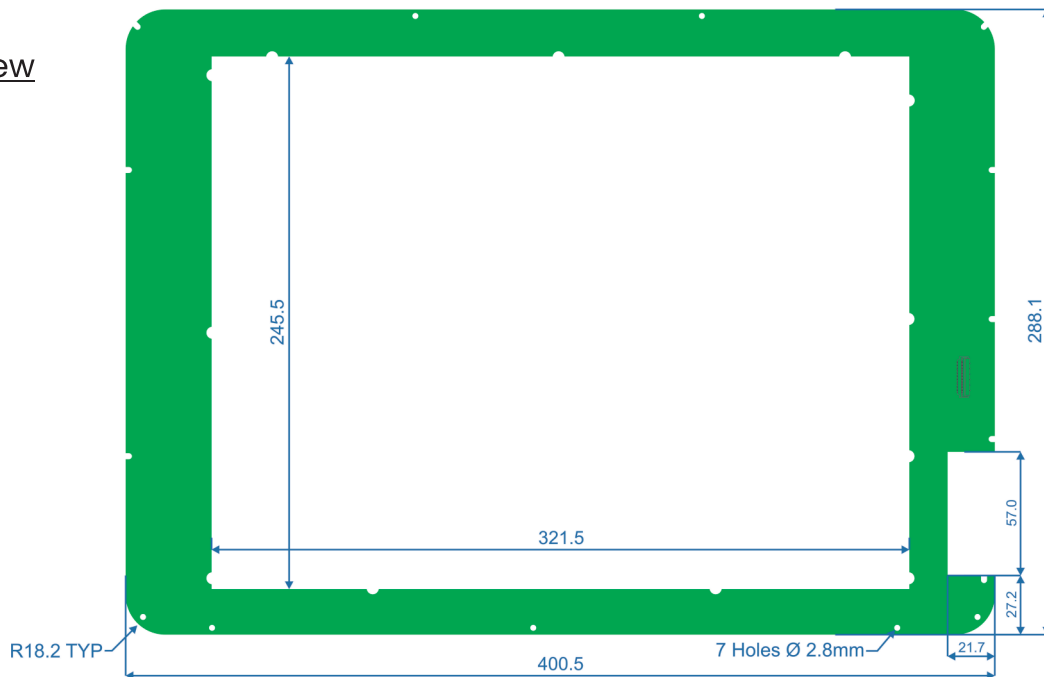
Front View



Side View



Back View



Note:-

Keetronics has ensured that the design meets the required specifications; however, it is the customer's responsibility to assemble the product with the appropriate bezel and conduct testing as part of the complete unit to verify compliance and functionality.